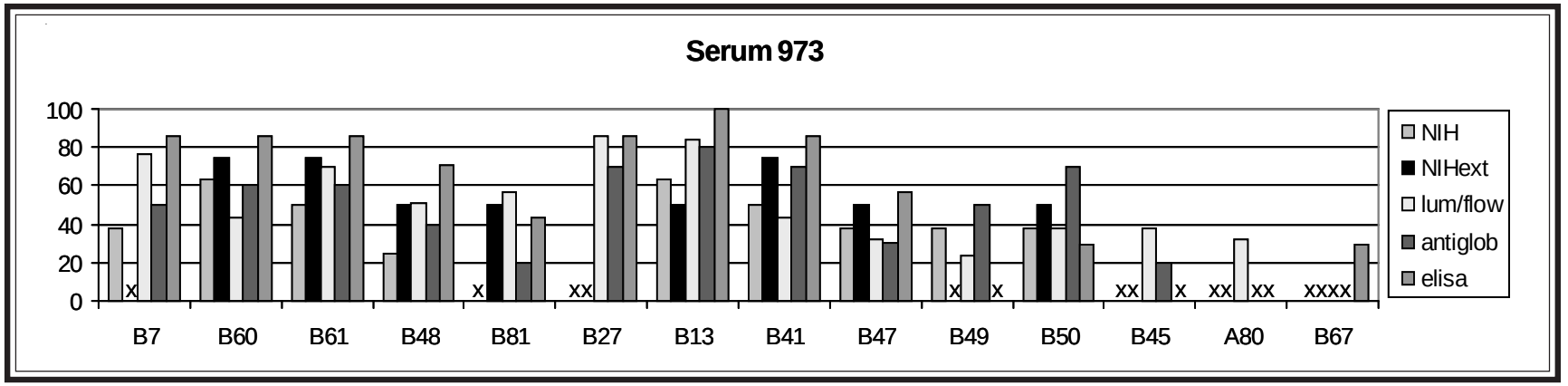
REPORT OF THE 337th CELL EXCHANGE

NOVEMBER 5, 2008

Serum	**973-976**
DNA Extract	**433-436**
Cells	**1345-1348**

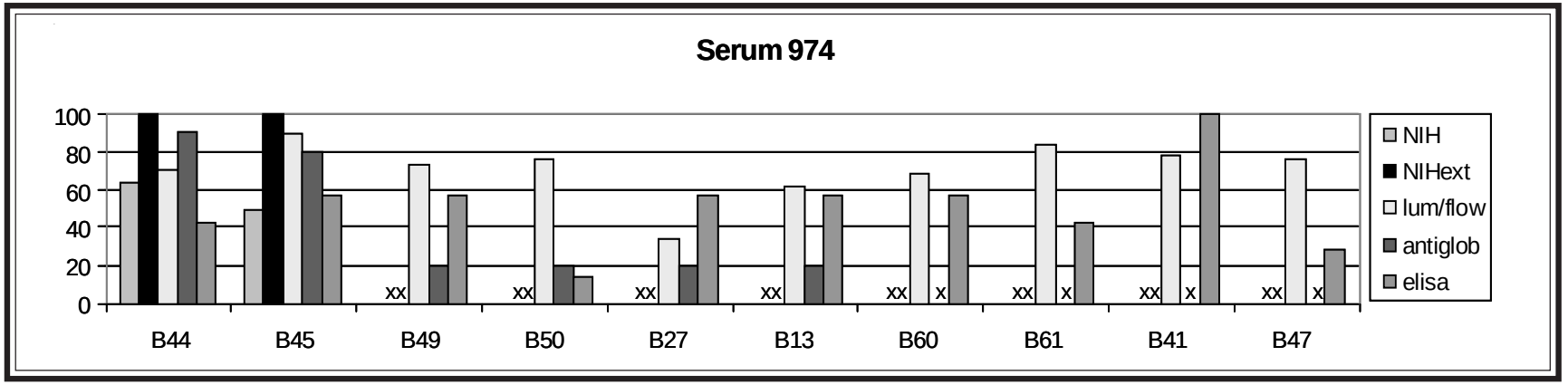
Serum Exchange

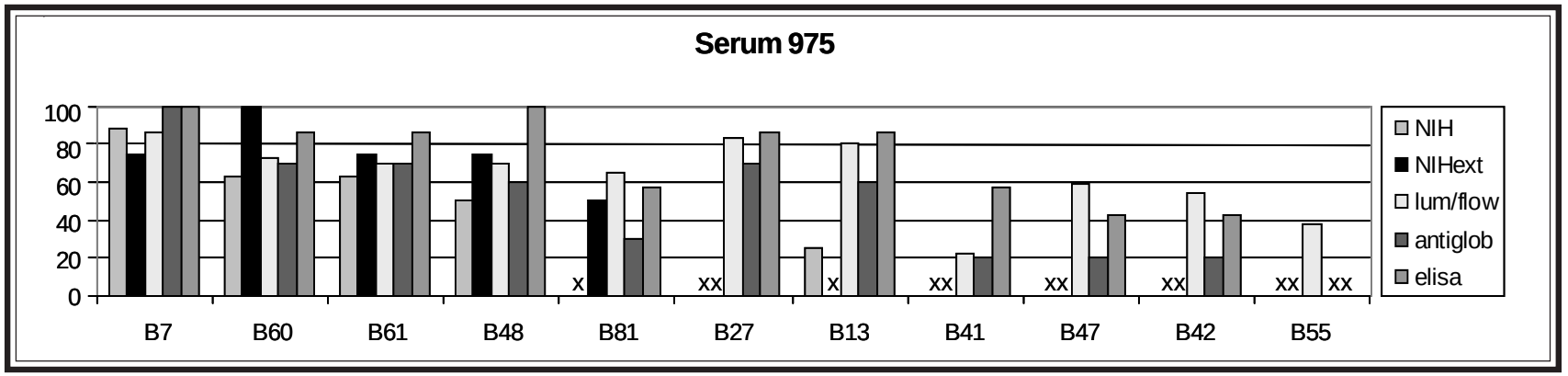
This month's study featured 3 sera (**sera 973, 975, 976**) primarily reactive to B40 and B48, with additional reactivity levels to B7, B81, B41, B13, B27, B47, and B21 being dependent upon the sensitivity of which screening technique was used. The fourth serum, **serum 974**, was strongly positive to B12, with varying additional reactivity levels to B13, B27, B41, B47, B49, and B21.



Serum 973 was positive to B7, B13, B40 (B60, B61), B41, B47, B48, B81, and B21 (B49, B50) specificities. With the exceptions of the Bw4 specificities of B13, B47, and B49, the primary reactive specificities belong to the Bw6 epitope, sharing R at position 131, located on the alpha 2 chain. Labs using Luminex, flow, antiglobulin, and ELISA also reported B27.

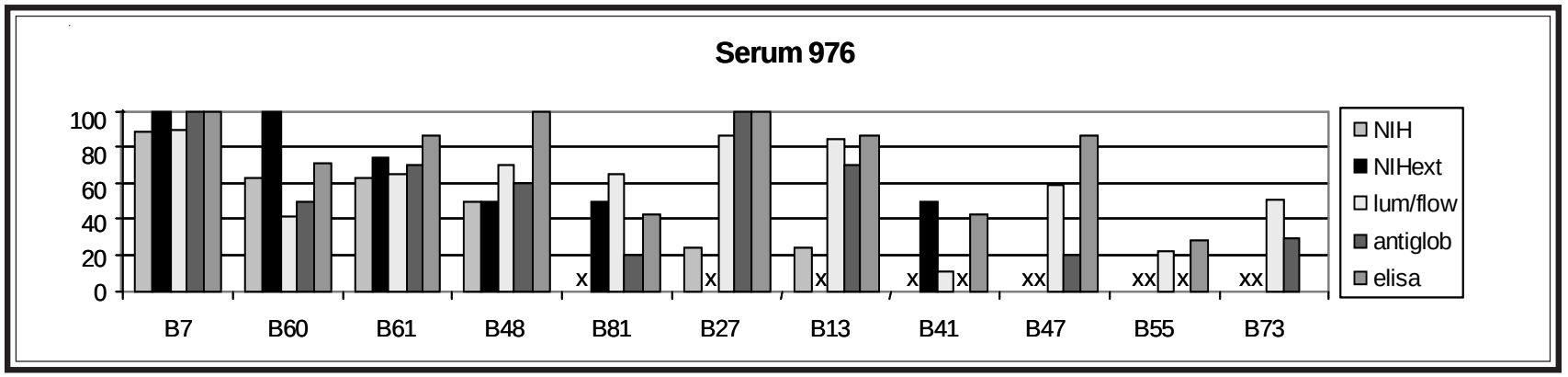
Serum 974 reacted as an operationally monospecific antibody to B12 (B44 and B45) by NIH and antiglobulin methods. Luminex, flow, and ELISA labs also detected additional reactivity to B13, B27, B41, B47, B21, and





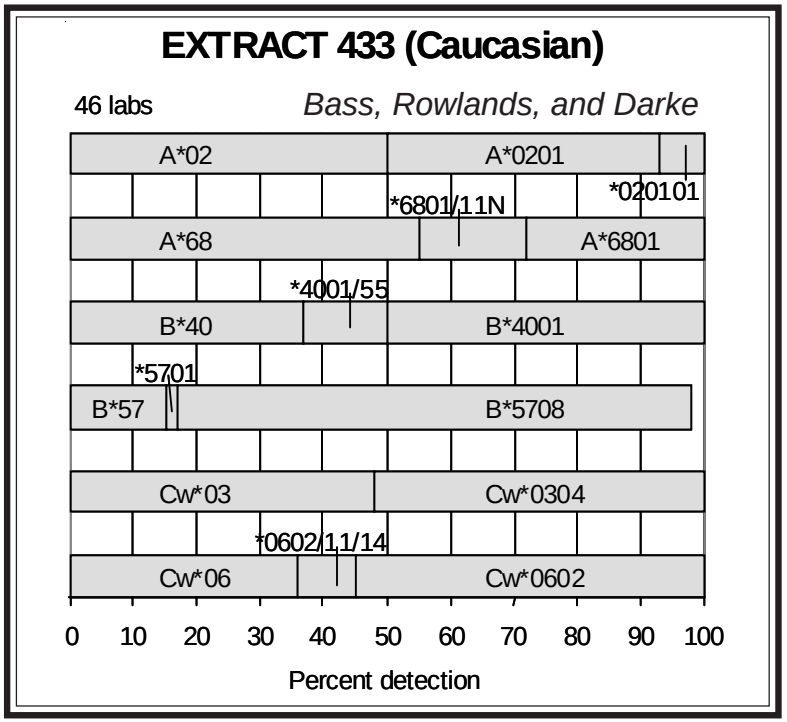
B40 specificities. Unlike the other 3 sera in this study, this serum was nonreactive to B7, B48, and B81.

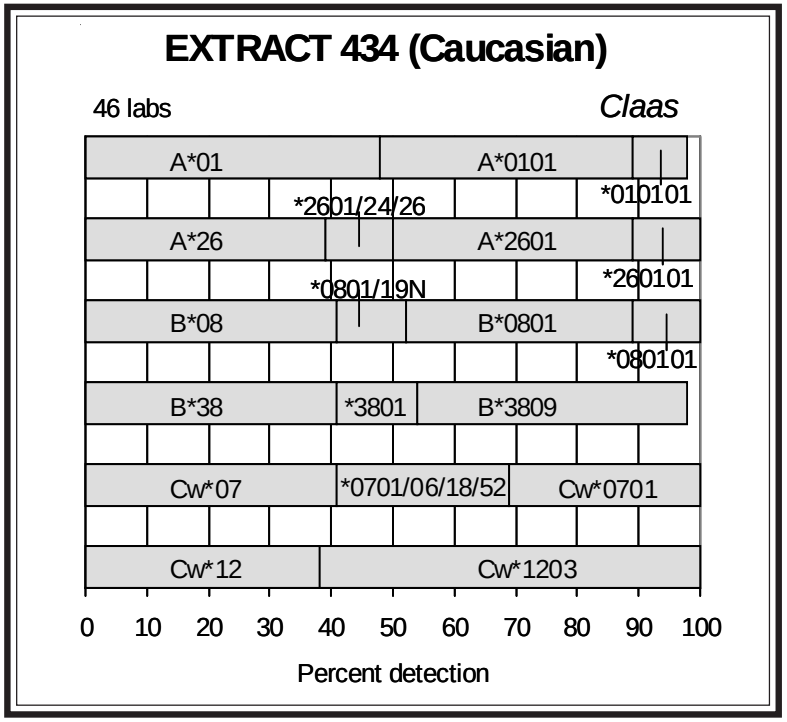
Sera 975 and 976 had similar reactivity patterns, being strongly positive to B7, B40, B48, and B81. These Bw6 specificities share K at position 178 in the alpha 2 domain. The 2 sera were also found to be reactive to B13, B27, and B47, which are Bw4 specificities, by labs using Luminex, flow, antiglobulin, and ELISA. These same labs reported moderate anti-B42 reactivity for serum 975. For serum 976, anti-B73 reactivity was detected by labs using Luminex, flow, and antiglobulin. Anti-B41 reactivity was varied. Unlike sera 973 and 974, sera 975 and 976 were not reactive to B12 or B21 specificities.



Extract Exchange

We wish to express our appreciation to **Helen Bass, Jane Rowlands, and Christopher Darke, Welsh Blood Service, Pontyclun,** and **Franz Claas, Leiden University Medical Centre**, **Leiden, The Netherlands**, for their generosity in providing unusual cells to study in our exchanges.





Extracts 433. This Caucasian cell was 35980 (also known as 1092048 and TER289), the reference cell for B*5708, as correctly identified by Moses and Dunckley. This same cell was previously typed as extract 289 in 2004, as noted by Brown, Chen, and Montague.

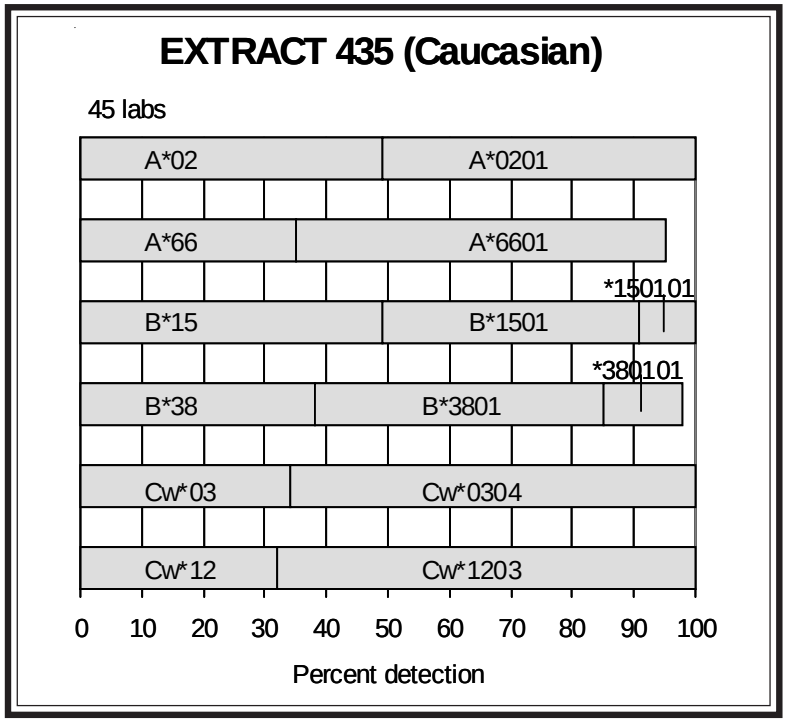
Darke et al. (1) described the unusual B*57 allele, "B*5708 differed from B*570101 by a single substitution (G to C) at position 247 in exon 2 causing an amino acid difference between B*570101 and B*5708 products of arginine to proline at codon 83." The investigators said that, based upon serologic results of 33 anti-B57 or -B17 sera, the expression of the B*5708 product was very restricted, having reactivity to only 33.3% to the tested antisera and one of 13 Bw4 antisera. They concluded that this one substitution in the Bw4 epitope had a strong effect on the serological expression, adding, "Importantly, however, the five sera stimulated by B62 and crossreacting with B57 (and not B58) all reacted well with the B*5708 product."

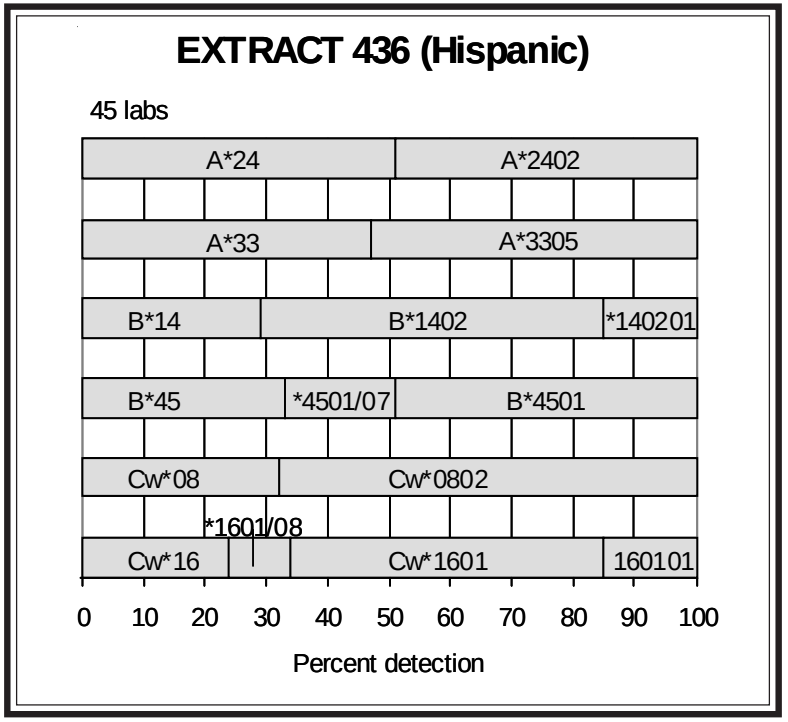
In this present retyping, B*5708 (81%) was detected by over 80%, showing a marked increase in recognition since the 2004 typing, when it was detected by 51%.

The family study performed by Darke et al. indicated that B*5708 was on the same haplotype with A*0201 and Cw*0602. The other haplotype in this donor was A*0201-B*4001-Cw*0304.

Extract 434. The rare B*3809 was typed for the first time in the Cell Exchange in this cell from a Caucasian donor. This same donor was previously studied as TER-299 (2002) for class II, as correctly identified by Chen. Witter et al. (2) also typed the cell for class I in the 2002 study and detected a new B*38 variant. The investigators described B*3809, "…differs from B*3801 by mutation C→G at position 483 in exon 3, resulting in an amino-acid substitution at codon 161 from aspartic acid in B*3801 to glutamic acid in B*3809, respectively."

B*3809 was detected by 44%. However, B*3801 was misassigned by 13%.





The probable haplotypes in extract 434 were A*0101-B*0801-Cw*0701 and A*2601-B*3809-Cw*1203. A*0101-B*0801-Cw*0701 is the most frequently A-B-C haplotype found in U.S. Caucasians, HF=0.0696 (3). It should also be noted that the common B*3801 is found in association with A*2601-Cw*1203 in Caucasians, with HF=0.0170.

The class II typing results for this donor in 2002 indicated: DRB1*0101, DRB1*0701, DRB4*0101, DRB5*0101, DQB1*0202, DQB1*0501, DQA1*0101, DQA1*0201, DPB1*0201, DPB1*0401. The unusual DRB1*01-DRB5 association found in this cell was also present in TER-148 (1994), from a Caucasian donor.

We plan to type this cell again to improve the recognition of B*3809.

Extract 435. The standard B*3801 (59%) was present in this Caucasian cell. Comparison of results between this cell and extract 434 should be helpful to those labs that misassigned B*3801 instead of B*3809 to extract 434 to make the necessary modifications to their typing strategies.

B*1501 (50%) was the second B-locus allele.

A*0201 (50%) and A*6601 (59%) were the A-locus types.

The C-locus alleles were Cw*0304 (67%) and Cw*1203 (69%).

The probable associations in this donor were A*0201-B*1501-Cw*0304, HF=0.0075 in U.S. Caucasians (3) and A*6601-B*3801-Cw*1203.

Extract 436. The rare A*3305, detected by 54%, was typed for the first time in the Cell Exchange in this cell from an Hispanic donor. A*3305 differs from A*3301 at codon 54 (CAG→CGG) resulting in an amino acid change of glutamine to arginine (Q→R).

B*1402 and B*4501 were reported by 72% and 50%, respectively.

Cw*0802 (69%) and Cw*1601 (66%) were the C-locus types.

The common associations of B*1402-Cw*0802 and B*4501-Cw*1601 were likely present in this cell.

Interestingly, DU and Leiden-QC1504, 2 of the 3 A*3305 reference cells for A*3305, were also typed as B*1402.

Cell Exchange

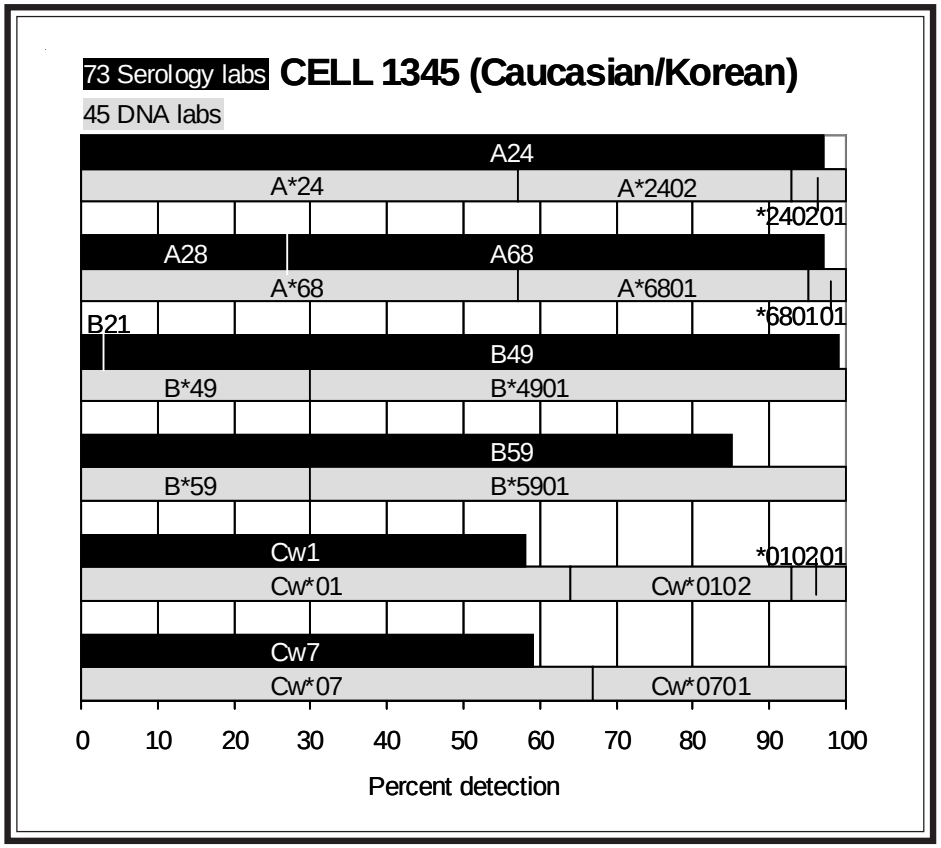
Cell 1345. B59, as assigned by 85%, was present in this donor of mixed ethnicity, being Korean and Caucasian. B*5901 was reported by 71%.

The other B-locus antigen, B49 (96%), was well typed and confirmed as B*4901 by 71%.

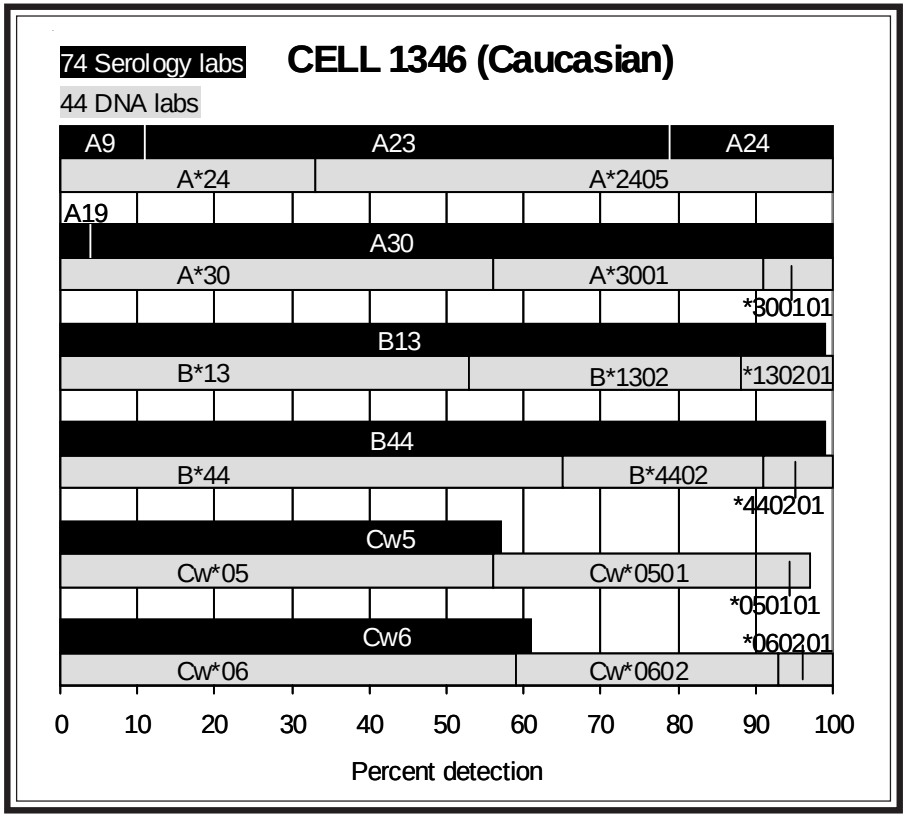
A24 and A28 were assigned by 97%, with A68 reported by 69%. DNA confirmed the A-locus alleles as A*2402 and A*6801, respectively, as reported by 45%.

Cw1 (59%) and Cw7 (60%) were validated as Cw*0102 (35%) and Cw*0701 (32%), respectively.

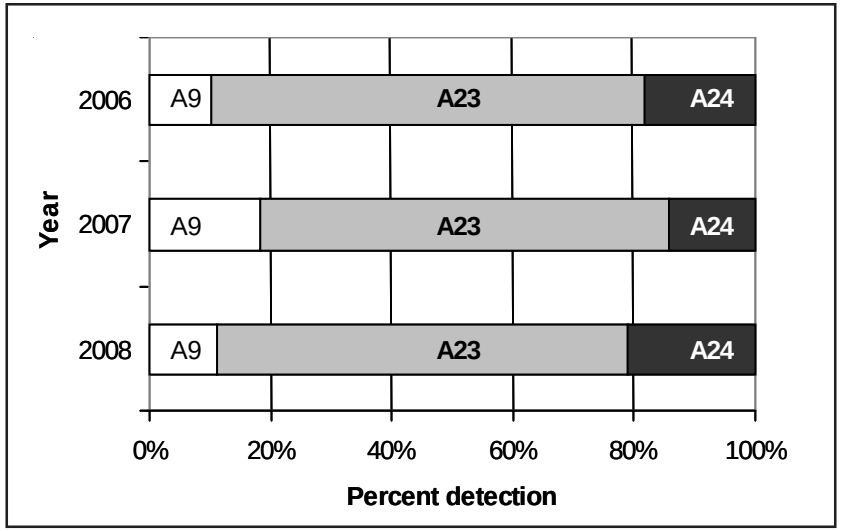
The likely associations in this cell were A*2402-B*5901-Cw*0102, the Asian haplotype, and A*6801-B*4901-Cw*0701, the Caucasian haplotype.



Cell 1346. This Caucasian donor with the uncommon A*2405 was previously typed as cell 1288 (2006) and then again, as cell 1301 (2007), as noted by numerous labs.



In this present retyping, a mixture of A23 and A24 assignments were reported as the A9 split, with more labs assigning A23 (68%) than A24 (21%). A*2405 was assigned by 68%, comparable to the 66% detection rate in 2006 and 73% rate in 2007. A*2405 differs from A*2402 by only one amino acid substitution at codon 144 (AAG→CAG), resulting in a change of lysine to glutamine (K→Q). Dunn noted that 144Q is shared by A*23 alleles. Furthermore, Street and Darke (4) stated, based upon serological typing results of this A*2405 donor, "…that glutamine (Q) at position 144 must play a critical role in an epitope unique to the HLA-A23 specificity. However, lysine (K) at this position appears to be less important in the configuration of the A24 epitope and consequently for the A24/A2403 epitope since some A24 antibodies reacted well with the A*2405 product." Review of the 3 typings of this donor supports their conclusions, as shown:



Unusual reactivity with anti-A23 and -A24 monoclonals and allosera was observed by Abbal, Carretto and Alvarez, Anthony Nolan Trust, Darke, Dunckley, Dunn, Esteves Kondo, Goggins, Hogan, Holdsworth, Lefor, Mah, McAlack, McCluskey, and Pidwell. Esteves Kondo shared the following reaction pattern with a number of monoclonal antibodies:

Reaction Pattern of HLA-A2405 Cell with LM144A, Lot #3A (mAbs):

Tray Position	**(3A)**	**(3B)**	**(3C)**	**(3D)**	**(3E)**	**(3F)**	**(4F)**	**(8A)**
Reaction	+	+	+	+	+	+	-	-
HLA Specificity	1 23 24 80	9 32	9	23	23	24 2403	24 2403	23 31 33

Figure 1. *from Mamie Lias and Debra Esteves Kondo, One Lambda, Inc., Los Angeles.*

Two common B-C loci associations, B13-Cw6/B*1302-Cw*0602 and B44-Cw5/B*4402-Cw*0501, were present in this donor.

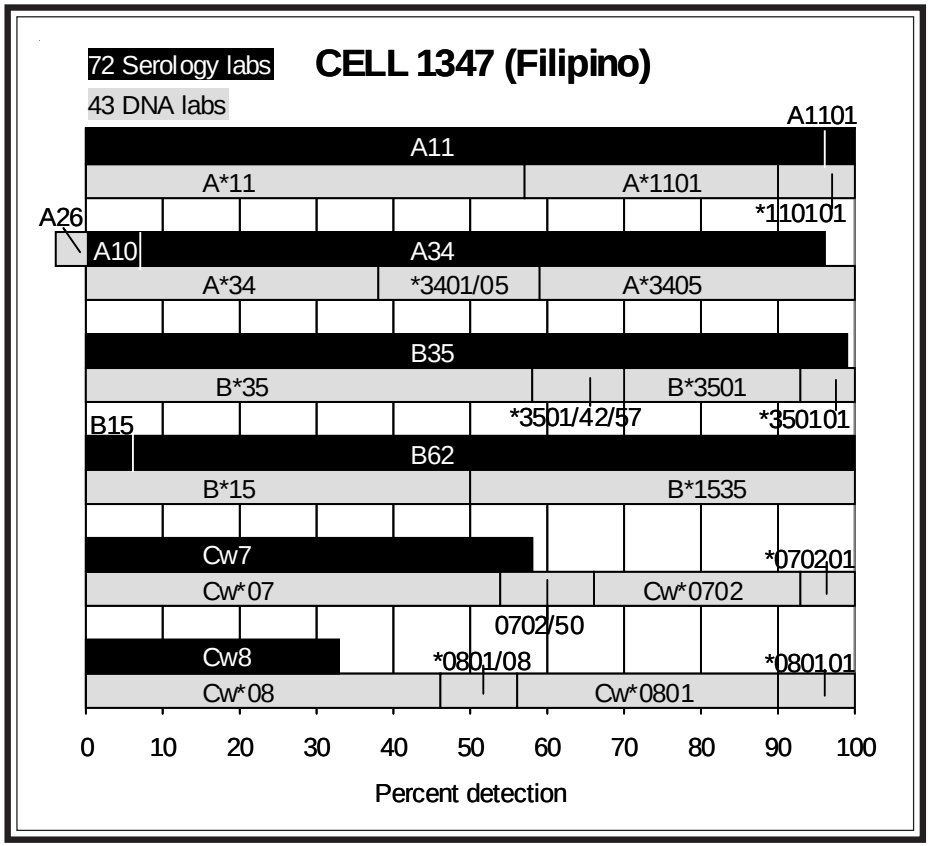
Cell 1347. The rare A*3405 was present in this cell from a Filipino individual, previously typed as extracts 413 and 416 in the Cell Exchange, as correctly identified by Brown and Moses and Dunckley. Lebedeva et al. (5) originally sequenced this variant in a cell from an Asian Pacific Islander, stating that the difference between A*3401 and A*3405 was at codon 125 (GCC→TCC), resulting in a residue change of Ala→Ser. The investigators also said that A*3405 demonstrated polymorphism at a previously constant position located outside of the antigen-binding cleft and proposed that it may have arisen from a point mutation. This present typing exercise was the first time that this A34 variant was typed by both serology and DNA typing.

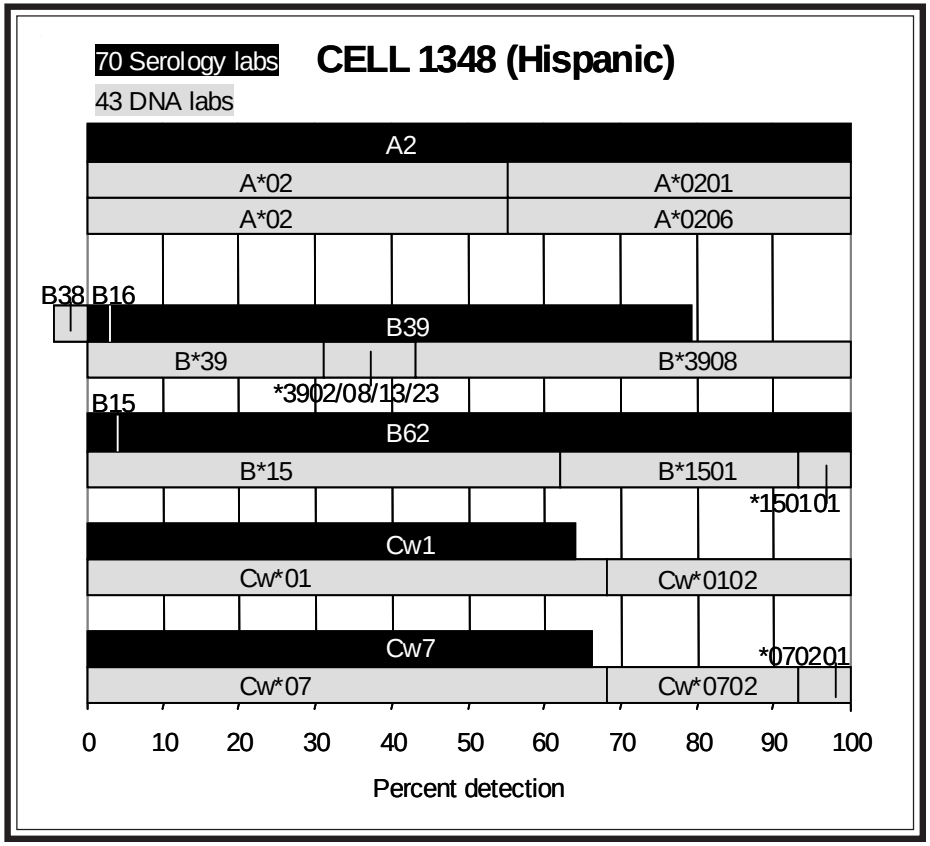
A34 was detected by 89%, which was somewhat lower than the average detection level of 96% for 8 A*3401 cells typed from 2004 through 2007. Dunk commented that the anti-A34 reactivity was short. A*3405 was reported by 42%, with another 21% assigning A*3401/05. When this donor was typed earlier this year as extracts 412 and 416, A*3405 was assigned by 59% and 54%, respectively. One lab misassigned A*3401 for extract 413, whereas 3 labs misassigned A*3401 when this cell was typed as extract 416.

B35 (99%) and B62 (95%) were confirmed as B*3501 (30%) and B*1535 (51%), respectively. Tilanus determined that the sequence for exons 1 and 4 of B*1535 was identical to that of B*150101, noting that this information was not available in the IMGT/HLA Database.

Cw7 (60%) and Cw8 (34%) were corroborated as Cw*0702 (33%) and Cw*0801 (45%), respectively.

B*1535-Cw*0801 and B*3501-Cw*0702 may be the associations in this cell. B*1535-Cw*0801 was detected in 2 previously typed B*1535 donors, cell 1052 (also cell 888) and 1253 (also cell 1198, ext 241). The more commonly found association is B*1535-Cw*0702. For the second probable association, Cao et al. (3) listed B*3501-Cw*0702 as "intermediate/rare Asians." From family studies, cell 1253 was determined to have the A*3401-B*1535-Cw*0801 haplotype. We postulate that the haplotypes in this present cell may be A*3405-B*1535-Cw*0801 and A*1101-B*3501-Cw*0702.





Cell 1348. A variant of B39 was present in this Hispanic cell, as only 76% assigned B39. Shorter than normal reactivity with anti-16 and -B39 sera was noted by Anthony Nolan Trust, Darke, Dunk, Esteves Kondo, Fischer Holdsworth, Lefor, McCluskey, Paik, and Pidwell. B*3908 was reported by 58%. B*3908 was previously typed in cells 912 (also ext 70), 1206 (also cells 1094, 1137, 1180), and 1337, all from Hispanic donors.

B62 (96%), confirmed as B*1501 (40%), was the second B-locus antigen.

Two different A2 (100%) subtypes, A*0201 (47%) and A*0206 (45%), were present.

Cw1 (65%) and Cw7 (67%) were verified as Cw*0102 and Cw*0702 by 31%, respectively.

B*1501-Cw*0102 and B*3908-Cw*0702 were the likely associations in this cell.

References

1. Darke C, Street J, and Downing J. Immunogenetics of two new HLA-B alleles: B*4414 and B*5708. Tissue Antigens 2003;62:436.

2. Witter K, Lau M, Schreuder GMTh, and Albert ED. A novel B*38 allele, B*3809, was identified via sequence-based typing of B-cell no. 299 of the UCLA International Cell Exchange. Tissue Antigens 2003;62:548.

3. Cao K, Hollenbach J, Shi X, et al. Analysis of the frequencies of HLA-A, B, and C alleles and haplotypes in the five major ethnic groups of the United States reveals high levels of diversity in these loci and contrasting distribution patterns in these populations. Hum Immunol 2001:62:109**.**

4. Darke C and Street J. Serological Testing of HLA-A*2405 and its utility in confirming HLA-A9 epitopes. Int J of Immunogenetics (in press).

5. Lebedeva TV, Huang A, Janzen A, et al. Identification of novel HLA class I alleles using single allele sequencing. Tissue Antigens 2003;62:433.

This is the last sendout in 2008.
We wish you a most peaceful and joyful holiday season! Happy New Year!

Marie, Arlene, Magdalena, Lupita, Cathy, Kelli, George, Rodel, John L., Lisa, and John M.

NEXT MAILING DATE: February 4, 2009

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	SERUM NO. 973												SERUM NO. 974											
	% POS	% 8'S	B 1 3	B 6 1	B 7	B 2 7	B 6 0	B 4 1	B 4 8	B 8 1	B 5 0	B 4 7		% POS	% 8'S	B 4 5	B 4 4	B 6 1	B 4 1	B 4 9	B 6 0	B 5 0	B 4 7	B 1 3	B 2 7	METHOD
Alvarez & Ca	70	100	+										A2,A1,A23,A24>	100	???										MULTI (3)
Baker,Judy	73	???	+		+	+							A66,A80,B8,B35>	42	???		+		+				+	+	A23,A24,A25> ( )
Berka,Noured	82	???		+	+	+	+	+		+			B62,B42,B49>	60	???	+	+	+	+	+	+		+	+		B82 (3)
Burger,Joe	98	100	+	+	+	+	+	+	+	+		+	B42	74	100	+	+	+			+		+			A23,A24,A25> (3)
Cantwell,Lin	???	???	+	+	+	+			+	+	+		B45,A80,B55	???	???	+	+	+	+	+	+	+	+	+	+		(3)
Choo,Yoon MD	73	100	+	+	+	+	+	+			+	+		43	0	+	+	+	+	+	+	+			+		(5)
Claas,F.H.J.	???	???			+			+					B40,B12,B21>	???	???				+				+			B12,B40 (1)
Cohen,Jacque	78	???	+		+	+			+	+	+		B40,B49	44	???	+	+	+	+	+		+	+	+			(3)
Cooper,E. Sh	31	100	+	+			+	+			+		B49	14	0	+	+										(4)
Darke,Christ	???	???	+	+		+			+	+	+		2708,B45,B55>	???	???	+	+	+	+	+	+	+	+	+			(3)
Dunckley,Hea	39	100	+	+	+		+	+			+	+	B44,B49,B45	23	89	+	+										(1)
Dunk,Arthur	50	100	+	+			+	+	+	+	+		B49,B44,B45	17	100	+	+										(6)
Dunn,Dale Dr	43	100	+	+			+		+	+	+	+	B49,B52	12	25	+	+									A29,A34	(4)
Dunn,Paul Ph	???	100	+	+			+	+			+	+	B49	???	100	+	+										(1)
Eckels/CPMC,	67	???	+			+		+	+			+	6602,B42,B44>	63	???	+	+	+		+	+	+		+	+	B37,B57	(4)
Elkhalifa MD	???	???	+	+	+	+			+	+	+		B44,A80,B55	???	???	+		+	+	+	+	+	+	+		B37,A32	(3)
Ellis,Thomas	100	???	+		+	+		+	+				B40,B21,B12>	100	???											B21,B12,B40>	(3)
Esteves Kond	16	0		+			+							9	100	+	+										(1)
Esteves-Kond	90	100	+	+	+	+	+	+	+			+	B42,B67	64	50	+	+	+	+	+	+	+		+	+	B48	(3)
Fotino,Maril	11	100							+	+			B37,CW8	26	100	+	+									CW5,A34	(2)
Foxcroft,Z.K	40	100	+					+	+				B21,B40,A68>	18	33					+						A36,A66,A74>	(1)
Gautreaux,Mi	92	???	+	+	+		+	+		+		+	66.2	60	???	+	+	+	+	+	+	+	+			A32	( )
Gideoni,Osna	86	???											???	74	???											???	(3)
Hahn,Amy B.	66	13	+		+	+		+					B12,B21,B40>	21	83	+	+			+							(4)
Han,Hoon Dr	58	???	+	+	+	+	+	+					B45,B49	56	???	+	+	+		+		+	+		+		(3)
Harville,Ter	???	???	+	+					+	+	+		2708,B45,B73>	???	???	+	+	+	+	+		+	+	+	+	B37	(3)
Hogan,Patric	13	67	+				+				+	+	B49	26	11	+	+										(1)
Israel,Shosh	???	???	+	+	+	+	+	+		+		+	B42,6602	???	???	+	+	+	+	+	+	+	+	+		B82	(3)
Kamoun,Malek	78	???	+		+	+		+					B8,B35,B37,B38>	47	???	+	+	+		+	+	+	+	+			(3)
Klein,Jon MD	63	???	+	+	+	+	+	+					B55	25	???	+		+	+	+	+			+		B42,B7,B55,B56	(5)
Klein,Tirza	82	100	+	+	+	+	+	+	+	+		+	B40	74	100	+	+	+	+	+	+		+	+		B40,B82	(3)
Lardy,N.M. D	43	45	+	+			+	+			+	+	B44,B45	22	91	+	+										(2)
Loewenthal M	96	100	+	+	+	+	+		+	+		+	A66,A26	74	100	+	+	+	+	+	+		+	+		B82,A23	(3)
MacCann,Eile	92	???	+	+	+	+	+	+	+	+		+	B37	74	???	+	+	+	+	+	+	+	+	+		B82	(3)
Mah,Helen	43	100		+	+	+	+				+		B49	27	43	+	+										(4)
McAlack,Robe	28	100	+	+	+	+	+		+	+				5	0				+		+		+				(5)
McAlack-Bala	90	100	+	+	+	+	+	+				+	6602	74	100	+		+	+	+	+	+	+	+			(3)
McCluskey,Ja	31	66						+					A26,A34,A66	25	100	+	+										(6)
Meyer,Pieter	58	???	+	+	+	+	+						B49,B39,B73	25	???	+			+	+		+	+				(3)
Moore,S.Brea	48	???				+	+	+		+	+	+	2708,B49,4005	29	???	+	+	+	+	+	+	+	+			4005	(3)
Ozawa,Mikki	???	???	+	+	+	+			+	+	+		B45,A80,6602	???	???	+	+	+	+	+	+	+	+	+		2705	(3)
Paik,Young K	57	33	+		+	+		+	+				B12,B21,B40	16	20	+	+										(4)
Pais,Maria L	9	???											???	31	???											???	(1)
Pereira,Noem	???	???	+	+	+	+			+	+	+		B45,A80,B73	???	???	+	+	+	+	+		+	+	+	+	B37	(3)
Permpikul &	46	100	+	+	+		+		+	+			B44	10	100		+									B37	(1)
Phelan,Donna	76	???									+		7CREG,B44,B45>	40	???	+		+	+		+	+				BW4C	(6)
Pidwell,Dian	49	100	+	+	+		+	+	+	+	+	+	B49	20	100	+	+										(2)
Rosen-Bronso	94	100		+	+	+	+	+				+	B37,B42,B65>	85	100	+	+	+	+	+	+	+	+		+	B37	(3)
Sage,Deborah	98	???	+		+								6602,A80,B51>	62	???	+		+	+		+	+				BW4,B76,B82	(3)
Sinnott & Gu	???	???	+	+	+	+	+			+			A80,6602,2708>	???	???	+		+	+		+	+				A25,A32,A23>	(3)
Smith/MI,	57	???	+	+		+	+	+	+		+		A66,B73,B45	19	???	+	+					+					(4)
Suciu-Foca,N	49	77	+		+	+		+					B21,B40	15	50											B12,B40	(6)
Tagliere,Jac	32	80		+			+	+						20	0	+	+										(2)

	SERUM NO. 973												SERUM NO. 974											
	% POS	% 8'S	B 1 3	B 6 1	B 7	B 2 7	B 6 0	B 4 1	B 4 8	B 8 1	B 5 0	B 4 7		% POS	% 8'S	B 4 5	B 4 4	B 6 1	B 4 1	B 4 9	B 6 0	B 5 0	B 4 7	B 1 3	B 2 7		METHOD
Turner,E.V.	???	???										7CREG,8CREG>		???	???										5CREG,7CREG>	(3)
Ward & Osows	47	66	+	+	+	+	+			+	+	+		27	75	+	+									(4)

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

*** 55 TYPING LABS ***			*** 55 TYPING LABS ***		
B13	76%	0.936	B45	80%	0.987
B61	64%	0.985	B44	71%	0.873
B7	62%	0.976	B41	47%	1.000
B27	58%	0.980	B61	47%	0.944
B60	56%	0.968	B49	45%	0.957
B41	55%	0.981	B50	42%	1.000
B48	44%	0.967	B60	42%	0.972
B81	42%	1.000	B47	40%	1.000
B50	40%	0.914	B13	33%	0.960
B47	35%	0.963	B27	16%	0.917
B49	31%	1.000	B82	13%	1.000
B45	25%	0.944	B37	13%	0.778
B44	16%	0.721	A32	11%	1.000
A80	15%	1.000	A23	7%	1.000
B40	15%	0.969	A25	7%	1.000
B42	13%	1.000	B40	7%	1.000
B73	13%	1.000	B12	7%	0.938
6602	11%	1.000	A24	5%	1.000
B21	11%	1.000	BW4	5%	1.000
B37	11%	1.000	???	4%	1.000
A66	9%	1.000	B48	4%	1.000
B55	9%	1.000	B42	4%	0.750
2708	7%	1.000	A34	4%	0.667
B12	7%	0.889			
B8	5%	1.000			
B39	5%	1.000			
7CREG	4%	1.000			
???	4%	1.000			
A26	4%	1.000			
B35	4%	1.000			
B38	4%	1.000			
B62	4%	1.000			
B71	4%	1.000			
A68	4%	0.600			
B52	4%	0.600			

Methods:
(1) - NIH std
(2) - NIH ext
(3) – Luminex/Flow
(4) - Antiglobulin
(5) - Elisa
(6) - Other

*** 55 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: All

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

	% POS	% 8'S	B 6 0	B 1 3	B 6 1	B 4 1	B 7	B 5 0	B 4 9	B 4 7	B 4 8	B 4 4		% POS	% 8'S	B 4 4	B 4 5	B 1 2		METHOD
Claas,F.H.J.	???	???			+	+						B40,B12,B21>		???	???			+	B40,B41,B47	(1)
Dunckley,Hea	39	100	+	+	+	+	+	+	+	+	+	B45		23	89	+	+			(1)
Dunn,Paul Ph	???	100	+	+	+	+		+	+	+				???	100	+	+			(1)
Esteves Kond	16	0	+		+									9	100	+	+			(1)
Foxcroft,Z.K	40	100		+		+				+		B21,B40,A68>		18	33			+	A36,A66,A74,B42,B49,B72,B75	(1)
Hogan,Patric	13	67	+	+			+	+	+					26	11	+	+			(1)
Pais,Maria L	9	???										???		31	???				???	(1)
Permpikul &	46	100	+	+	+		+			+	+	B81		10	100	+			B37	(1)

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

*** 8 TYPING LABS ***			*** 8 TYPING LABS ***		
B60	63%	0.912	B44	63%	0.776
B13	63%	0.808	B45	50%	0.889
B41	50%	1.000	B12	25%	1.000
B61	50%	0.929	???	13%	1.000
B49	38%	1.000	A66	13%	1.000
B7	38%	0.800	A74	13%	1.000
B47	38%	0.750	B40	13%	1.000
B50	38%	0.667	B41	13%	1.000
B21	25%	1.000	B47	13%	1.000
B40	25%	1.000	B72	13%	1.000
B48	25%	0.800	B75	13%	1.000
B44	25%	0.550	B49	13%	0.750

*** 8 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

	% POS	% 8'S	B 6 1	B 6 0	B 4 1	B 8 1	B 5 0	B 4 8	B 4 7	B 1 3		% POS	% 8'S	B 4 5	B 4 4		METHOD
Fotino,Maril	11	100			+		+			B37,CW8		26	100	+	+	CW5,A34	(2)
Lardy,N.M. D	43	45	+	+	+		+		+	B44,B45		22	91	+	+		(2)
Pidwell,Dian	49	100	+	+	+	+	+	+	+	B49,B7		20	100	+	+		(2)
Tagliere,Jac	32	80	+	+	+							20	0	+	+		(2)

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

*** 4 TYPING LABS ***			*** 4 TYPING LABS ***		
B41	75%	1.000	B45	100%	1.000
B60	75%	1.000	B44	100%	0.813
B61	75%	1.000	A34	25%	1.000
B13	50%	1.000	CW5	25%	1.000
B47	50%	1.000			
B48	50%	1.000			
B50	50%	1.000			
B81	50%	1.000			
B37	25%	1.000			

*** 4 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: NIH-ext

	SERUM NO. 973												SERUM NO. 974											
	% POS	% 8'S	B 2 7	B 1 3	B 7	B 6 1	B 8 1	B 4 8	B 6 0	B 4 1	B 5 0	B 4 5		% POS	% 8'S	B 4 5	B 6 1	B 4 1	B 5 0	B 4 7	B 4 9	B 4 4	B 6 0	B 1 3	B 2 7		METHOD
Alvarez & Ca	70	100		+									A2,A1,A23,A24>	100	???										MULTI	(F-3)
Berka,Noured	82	???	+		+	+	+		+	+			B62,B42,B49>	60	???	+	+	+		+	+	+	+		B82	(L-3)
Burger,Joe	98	100	+	+	+	+	+	+	+	+			B42,B47	74	100	+	+			+		+	+			A23,A24,A25>	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+			+	+	A80,B55	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Cohen,Jacque	78	???	+	+	+		+	+			+		B40,B49	44	???	+	+	+	+	+	+	+		+			(L-3)
Darke,Christ	???	???	+	+		+	+	+			+	+	2708,B55,B49	???	???	+	+	+	+	+	+	+	+	+			(L-3)
Dunn,Paul Ph	???	???	+	+	+	+	+	+			+	+	B55,B73	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Eckels/CPMC,	85	???	+	+						+			6602,A80,2708>	77	???	+		+		+		+		+	+	A23,A25,A32>	(L-3)
Elkhalifa MD	???	???	+	+	+	+	+	+			+		B44,A80,B55	???	???	+	+	+	+	+	+		+	+		B37,A32	(L-3)
Ellis,Thomas	100	???	+	+	+			+		+			B40,B21,B12>	100	???											B21,B12,B40>	(L-3)
Esteves-Kond	90	100	+	+	+	+		+	+	+			B42,B67,B47	64	50	+	+	+	+		+	+	+	+	+	B48	(F-3)
Fotino,Maril	47	???	+	+	+	+		+	+	+			B37,B47,B73	???	33	+	+	+	+	+	+	+	+	+		B37	(L-3)
Gideoni,Osna	86	???											???	74	???											???	(L-3)
Han,Hoon Dr	58	???	+	+	+	+			+	+		+	B49	56	???	+	+		+	+	+	+			+		(L-3)
Harville,Ter	???	???		+		+	+	+			+	+	2708,B73,B55>	???	???	+	+	+	+	+	+	+		+	+	B37	(L-3)
Hogan,Patric	21	???	+	+	+	+	+	+	+	+			B47,A66	13	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Israel,Shosh	???	???	+	+	+	+	+		+	+			B47,B42,6602	???	???	+	+	+	+	+	+	+	+	+		B82	(L-3)
Kamoun,Malek	78	???	+	+	+					+			B8,B35,B37,B38>	47	???	+	+		+	+	+	+	+	+			(L-3)
Klein,Tirza	82	100	+	+	+	+	+	+	+	+			B40,B47	74	100	+	+	+		+	+	+	+	+		B40,B82	(L-3)
Loewenthal M	96	100	+	+	+	+	+	+	+				B47,A66,A26	74	100	+	+	+		+	+	+	+	+		B82,A23	(L-3)
MacCann,Eile	92	???	+	+	+	+	+	+	+	+			B47,B37	74	???	+	+	+	+	+	+	+	+	+		B82	(L-3)
Mah,Helen	???	???	+	+		+	+				+	+	B55,A80,B49>	???	???	+	+	+	+	+	+	+	+	+		B37	(L-3)
McAlack-Bala	90	100	+	+	+	+			+	+			6602,B47	74	100	+	+	+	+	+	+		+	+			(L-3)
Meyer,Pieter	58	???	+	+	+	+			+				B49,B39,B73	25	???	+		+	+	+	+						(L-3)
Moore,S.Brea	48	???	+				+		+	+	+		B47,2708,B49>	29	???	+	+	+	+	+	+	+	+			4005	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+			+	+	A80,6602	???	???	+	+	+	+	+	+	+	+	+		2705	(L-3)
Paik,Young K	???	???	+	+	+								6602,A80,B5>	???	???	+	+		+				+			A9,A25,A32,BW4>	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+			+	+	A80,B73	???	???	+	+	+	+	+	+	+		+	+	B37	(L-3)
Phelan,Donna	35	???	+										A66,A80,B21>	20	???	+	+	+	+				+			BW4C,B76,B82	(L-3)
Pidwell,Dian	???	???	+	+	+	+		+	+	+	+	+	B47	???	???	+	+	+	+	+	+	+	+		+	B37	(F-3)
Rosen-Bronso	94	100	+		+	+			+	+		+	B37,B42,B47>	85	100	+	+	+	+	+	+	+	+		+	B37	(F-3)
Sage,Deborah	98	???		+	+							+	6602,A80,B51>	62	???	+	+	+	+				+			BW4,B76,B82	(L-3)
Sinnott & Gu	???	???	+	+	+	+	+		+				A80,6602,2708>	???	???	+	+	+	+				+			A25,A32,A23>	(L-3)
Smith/MI,	76	???	+	+	+	+	+	+			+	+	2708,B49	44	???	+	+	+	+	+	+	+		+	+	A32	(L-3)
Suciu-Foca,N	???	100	+	+	+	+	+				+	+	B55,B76,A80	???	100	+	+	+	+	+	+	+		+	+	B37	(L-3)
Turner,E.V.	???	???											7CREG,8CREG>	???	???											5CREG,7CREG>	(L-3)
Ward & Osows	88	???	+	+	+	+	+	+			+	+	A80,B55	80	???	+	+	+	+	+	+	+	+	+	+		(LF-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

*** 37 TYPING LABS ***			*** 37 TYPING LABS ***		
B27	86%	1.000	B45	89%	1.000
B13	84%	1.000	B61	84%	1.000
B7	76%	1.000	B41	78%	1.000
B61	70%	1.000	B47	76%	1.000
B81	57%	1.000	B50	76%	1.000
B48	51%	1.000	B49	73%	1.000
B41	43%	1.000	B44	70%	1.000
B60	43%	1.000	B60	68%	1.000
B45	38%	1.000	B13	62%	1.000
B50	38%	1.000	B27	35%	0.933
A80	32%	1.000	B37	24%	1.000
B47	32%	1.000	B82	24%	1.000
B49	24%	1.000	A32	19%	1.000
B42	22%	1.000	A25	14%	1.000
B55	22%	1.000	A23	11%	1.000
B73	22%	1.000	BW4	11%	1.000
6602	19%	1.000	B76	8%	1.000
2708	16%	1.000	A24	5%	1.000
B37	14%	1.000	B40	5%	1.000
A66	8%	1.000	B48	5%	1.000
B21	8%	1.000			
B39	8%	1.000			
B40	8%	1.000			
B44	8%	1.000			
B62	8%	1.000			
4005	5%	1.000			
B12	5%	1.000			
B22	5%	1.000			
B35	5%	1.000			
B71	5%	1.000			
B76	5%	1.000			

*** 37 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: Luminex/Flow

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

	% POS	% 8'S	B 13	B 50	B 41	B 27	B 60	B 61	B 7	B 49	B 48	B 21	B 40	B 47	B 12	A 66	B 45	B 73	B 81	6602	B 42	B 44	B 52		% POS	% 8'S	B 44	B 45	B 50	B 41	B 27	B 60	B 61	B 12	B 40	A 29	A 34		METHOD
Cooper,E. Sh	31	100	+	+	+		+	+																	14	0	+	+												(4)
Dunn,Dale Dr	43	100	+	+			+	+							+	+	+			B81,B52					12	25	+	+										A29,A34		(4)
Eckels/CPMC,	67	???	+		+	+									+	+	+			6602,B42,B44>					63	???	+	+	+	+	+	+		B37,B57,B60,B61					(4)
Fotino,Maril	25	50		+	+		+	+							+					A66					14	83	+												(4)
Hahn,Amy B.	66	13	+		+	+			+											B12,B21,B40>					21	83	+	+		+									(4)
Mah,Helen	43	100		+		+	+	+	+																27	43	+	+											(4)
Paik,Young K	57	33	+		+	+		+		+										B12,B21,B40					16	20	+	+											(4)
Smith/MI,	57	???	+	+	+	+	+	+		+										A66,B73,B45					19	???	+	+	+										(4)
Suciu-Foca,N	52	80	+		+	+			+											B21,B40,B12					20	65					+	+		B21,B12,B40				(4)
Ward & Osows	47	66	+	+		+	+	+	+										+	B81					27	75	+	+											(4)

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

*** 10 TYPING LABS ***			*** 10 TYPING LABS ***		
B13	80%	0.955	B44	90%	0.923
B50	70%	1.000	B45	80%	1.000
B41	70%	0.917	B13	20%	1.000
B27	70%	0.909	B27	20%	1.000
B60	60%	1.000	B49	20%	1.000
B61	60%	1.000	B50	20%	1.000
B7	50%	1.000	B21	10%	1.000
B49	50%	1.000	B37	10%	1.000
B48	40%	1.000	B57	10%	1.000
B21	30%	1.000	B60	10%	1.000
B40	30%	1.000	B61	10%	1.000
B47	30%	1.000	B12	10%	0.833
B12	30%	0.864	B40	10%	0.833
A66	20%	1.000	A29	10%	0.750
B45	20%	1.000	A34	10%	0.500
B73	20%	1.000			
B81	20%	1.000			
6602	10%	1.000			
B42	10%	1.000			
B44	10%	1.000			
B52	10%	0.500			

*** 10 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: Antiglobulin

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

	% POS	% 8'S	B 1 3	B 7	B 6 1	B 6 0	B 4 1	B 2 7	B 4 8	B 4 7	B 8 1	B 6 7		% POS	% 8'S	B 4 1	B 6 0	B 4 9	B 4 5	B 2 7	B 1 3	B 6 1	B 4 4	B 4 7	B 4 0		METHOD
Choo,Yoon MD	73	100	+	+	+	+	+	+		+			B50	43	0	+	+	+	+	+		+	+			B50	(5)
Cooper,E. Sh	31	100	+		+	+	+						B49,B50	14	0				+				+				(5)
Esteves-Kond	75	100	+	+	+	+	+	+	+	+	+	+		75	0	+	+	+	+	+	+	+				B48	(5)
Hahn,Amy B.	32	100	+	+	+	+	+	+	+	+	+		B42	14	100	+				+	+			+	+	B12,B21	(5)
Klein,Jon MD	63	???	+	+	+	+	+	+					B55	25	???	+	+	+	+		+	+				B42,B7,B55,B56	(5)
McAlack,Robe	28	100	+	+	+	+		+	+		+			5	0	+	+						+				(5)
Paik,Young K	66	100	+	+			+	+	+	+		+	B12,B21,B40	36	0	+		+		+	+				+	B12	(5)

********** SERUM NO. 973 ********** ********** SERUM NO. 974 **********

*** 7 TYPING LABS ***			*** 7 TYPING LABS ***		
B13	100%	1.000	B41	100%	1.000
B7	86%	1.000	B27	57%	1.000
B27	86%	1.000	B45	57%	1.000
B60	86%	1.000	B49	57%	0.909
B61	86%	1.000	B60	57%	0.889
B41	86%	0.933	B13	57%	0.714
B48	71%	1.000	B44	43%	1.000
B47	57%	1.000	B61	43%	0.750
B81	43%	1.000	B47	29%	1.000
B50	29%	1.000	B12	29%	0.857
B67	29%	1.000	B40	29%	0.750
B40	14%	1.000	B7	14%	1.000
B42	14%	1.000	B21	14%	1.000
B49	14%	1.000	B42	14%	1.000
B55	14%	1.000	B48	14%	1.000
B12	14%	0.750	B50	14%	1.000
B21	14%	0.667	B55	14%	1.000
			B56	14%	1.000

*** 7 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: Elisa

	%	%	B	B 60	B 61	B 48	B 13	B 27	B 81	B 47	B 42	B 41		%	%	B	B 27	B 61	B 48	B 13	B 60	B 81	B 42	B 73	B 41		
	POS	8'S	7											POS	8'S	7											METHOD
Alvarez & Ca	60	100	+	+			+	+					A2,A29,A68,B57	68	100	+	+				+					A32,A28,B8,B18>	(3)
Baker,Judy	71	???	+				+	+			+	+	A2,B8,B37,B38>	75	???	+	+				+				+	A66,B8,B18,B35>	( )
Berka,Noured	90	???	+	+	+	+	+		+		+	+	B55,B56	88	???	+	+	+	+	+	+	+	+		+	B42	(3)
Burger,Joe	90	100	+	+	+								A2,A3,A23,A25>	90	100	+	+									A11,A23,A24>	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+		+		B55,B62	???	???	+	+	+	+	+		+		+		6602,B55,B42	(3)
Choo,Yoon MD	53	100	+	+	+	+	+	+				+	B44	53	100	+	+	+	+	+	+		+		+		(5)
Claas,F.H.J.	???	???	+										B40	???	???	+										B40	(1)
Cohen,Jacque	82	???	+			+	+	+	+		+		B40,A2	80	???	+	+		+	+		+		+		B40,B42	(3)
Cooper,E. Sh	21	75	+	+	+	+								20	0	+	+	+	+								(4)
Darke,Christ	???	???	+	+	+	+	+	+	+		+		2708,B55	???	???	+	+	+	+	+		+		+		2708,B42,B55	(3)
Dunckley,Hea	28	100	+	+	+									32	100	+		+		+	+						(1)
Dunk,Arthur	28	100	+	+	+	+		+	+			+		27	100	+	+	+	+		+	+					(6)
Dunn,Dale Dr	23	100	+	+	+	+			+					25	100	+	+	+	+		+	+					(4)
Dunn,Paul Ph	???	100	+	+	+		+							???	100	+	+	+	+		+				+		(1)
Eckels/CPMC,	52	???	+	+	+	+	+	+	+	+		+	B62	47	???	+	+	+	+	+	+		+		+	6602,B71	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+			B55	???	???	+	+	+	+	+		+	+	+		B55,B42	(3)
Ellis,Thomas	100	???	+			+	+	+	+				B40,B73,B67>	100	???	+			+	+		+		+		B40,B8,B70,B67	(3)
Esteves Kond	19	50	+	+	+	+								17	67	+		+			+						(1)
Esteves-Kond	99	100	+	+		+	+	+		+	+	+	B67,B55	93	100	+	+	+	+	+	+		+			B8,B67,B72	(3)
Fotino,Maril	17	40	+	+		+			+					26	71	+					+	+				CW2	(2)
Foxcroft,Z.K	21	50	+			+							B56,B40,B76>	30	100	+			+							B56,B40,B76>	(1)
Gautreaux,Mi	66	???	+	+	+	+	+	+	+	+			66.2	84	???	+	+	+	+	+	+	+	+			66.2	( )
Gideoni,Osna	90	???											???	88	???											???	(3)
Hahn,Amy B.	55	100	+			+	+	+				+	B40,B73	45	63	+	+		+	+				+		B40,B55,B56	(4)
Han,Hoon Dr	69	???	+	+	+		+	+		+			B44,B62	64	???	+	+	+		+	+		+				(3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+		B55	???	???	+	+	+	+	+		+	+	+		2708,A66	(3)
Hogan,Patric	17	75	+	+	+	+								23	58	+		+	+		+						(1)
Israel,Shosh	???	???	+	+	+	+	+	+	+	+			6602,A26	???	???	+	+	+	+	+	+	+	+			6602,A26	(3)
Kamoun,Malek	82	???	+	+	+	+	+	+		+		+	B73,B67	78	???	+	+	+	+	+	+		+	+		B8,B67	(3)
Klein,Jon MD	52	???	+	+	+	+	+	+	+		+		B67,B55	64	???	+	+	+	+	+	+		+		+	B55,B56	(5)
Klein,Tirza	74	100	+	+	+	+	+	+	+	+			B40,B37	72	100	+	+	+	+		+	+				B78,B40,B72>	(3)
Lardy,N.M. D	19	100	+	+	+									25	88	+		+			+				+	B55	(2)
Loewenthal M	88	100	+	+	+	+	+	+	+	+			A26,B37	88	100	+	+	+	+	+	+	+	+		+	B56	(3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+		+	B37	90	???	+	+	+	+	+	+	+	+	+	+		(3)
Mah,Helen	39	100	+	+	+		+	+						39	89	+	+	+		+	+						(4)
McAlack,Robe	28	100	+	+	+	+	+	+	+	+				31	100	+	+	+	+	+	+	+	+				(5)
McAlack-Bala	86	100	+	+	+	+	+	+	+	+				90	100	+	+	+		+	+	+	+			6602	(3)
McCluskey,Ja	17	100	+	+	+									19	100	+	+	+			+						(6)
Meyer,Pieter	82	???		+									A2,A1,A3,A25>	71	???	+										A11,A30,A32,B8>	(3)
Moore,S.Brea	43	???	+	+	+	+		+	+	+		+	2708	47	???	+	+		+		+	+	+	+		2708,A66	(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+		B55	???	???	+	+	+	+	+		+	+	+		6602,B42	(3)
Paik,Young K	41	0	+			+	+	+					B40	45	100	+	+		+	+				+		B40	(4)
Pais,Maria L	16	???											???	4	???											???	(1)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+		B55	???	???	+	+	+	+	+	+	+	+	+		A66	(3)
Permpikul &	41	100	+	+	+	+	+		+					37	91	+	+	+	+	+	+	+	+				(1)
Phelan,Donna	76	???											7CREG,B8,A2>	82	???		+			+			+			BW6,A66	(6)
Pidwell,Dian	26	100	+	+	+	+			+					34	50	+	+	+	+		+	+			+		(2)
Rosen-Bronso	70	100	+	+	+	+		+	+	+	+		B37,B62	91	100	+	+	+	+	+	+	+	+			B37,B42	(3)
Sage,Deborah	94	???	+				+						A2,6602,B62>	100	???	+				+						6602,B8,B45>	(3)
Sinnott & Gu	???	???	+				+	+	+	+			A2,6602,2708>	???	???	+	+		+	+		+	+	+		6602,2708,B37	(3)
Smith/MI,	50	???	+	+	+	+	+	+			+		A66	85	???	+	+	+	+	+				+		A66,B37,B75>	(4)
Suciu-Foca,N	31	76	+				+	+			+		B40	35	74	+	+			+						B40,B42	(6)
Tagliere,Jac	20	100		+	+	+								35	50	+		+	+		+						(2)

	SERUM NO. 975												SERUM NO. 976											
	% POS	% 8'S	B 7	B 6 0	B 6 1	B 4 8	B 1 3	B 2 7	B 8 1	B 4 7	B 4 2	B 4 1		% POS	% 8'S	B 7	B 2 7	B 6 1	B 4 8	B 1 3	B 6 0	B 8 1	B 4 7	B 7 3	B 4 1	
Turner,E.V.	???	???										7CREG,5CREG>	???	???										7CREG,5CREG>	(3)
Ward & Osows	27	33	+	+	+				+	+			37	100	+	+	+		+	+	+	+			(4)

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

*** 55 TYPING LABS ***			*** 55 TYPING LABS ***		
B7	89%	0.918	B7	93%	0.982
B60	75%	0.981	B27	75%	0.921
B61	67%	0.904	B61	65%	0.901
B48	65%	1.000	B48	64%	1.000
B13	60%	0.853	B13	64%	0.840
B27	58%	0.981	B60	56%	0.956
B81	49%	1.000	B81	45%	1.000
B47	36%	1.000	B47	38%	1.000
B42	25%	1.000	B73	29%	1.000
B41	18%	1.000	B41	18%	0.875
B55	16%	0.909	B40	16%	1.000
A2	15%	1.000	B42	15%	1.000
B40	15%	1.000	B8	13%	1.000
B37	11%	1.000	A66	13%	0.900
B62	9%	1.000	6602	13%	0.875
B67	7%	1.000	B55	11%	0.889
B73	7%	1.000	B56	9%	1.000
2708	5%	1.000	2708	7%	1.000
A26	5%	1.000	B37	7%	1.000
A66	5%	1.000	B72	7%	1.000
B44	5%	0.800	B67	5%	1.000
6602	5%	0.750	???	4%	1.000
7CREG	4%	1.000	A26	4%	1.000
???	4%	1.000	A30	4%	1.000
A3	4%	1.000	B18	4%	1.000
A25	4%	1.000	B62	4%	1.000
B8	4%	1.000	B64	4%	1.000
B38	4%	1.000	B71	4%	1.000
B56	4%	1.000	B75	4%	1.000
			A11	4%	0.842
			A32	4%	0.800

Methods:
(1) - NIH std
(2) - NIH ext
(3) – Luminex/Flow
(4) - Antiglobulin
(5) - Elisa
(6) - Other

*** 55 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: All

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

	% POS	% 8'S	B 7	B 6 1	B 6 0	B 4 8	B 4 0	B 1 3		% POS	% 8'S	B 7	B 6 1	B 6 0	B 4 8	B 4 0	B 2 7	B 1 3		METHOD
Claas,F.H.J.	???	???	+				+			???	???	+				+				(1)
Dunckley,Hea	28	100	+	+	+					32	100	+	+	+				+		(1)
Dunn,Paul Ph	???	100	+	+	+			+		???	100	+	+	+	+		+		B41	(1)
Esteves Kond	19	50	+	+	+	+				17	67	+	+	+						(1)
Foxcroft,Z.K	21	50	+			+	+		B56,B76,B77	30	100	+			+	+			B56,B76,B77	(1)
Hogan,Patric	17	75	+	+	+	+				23	58	+	+	+	+					(1)
Pais,Maria L	16	???							???	4	???								???	(1)
Permpikul &	41	100	+	+	+	+		+	B81	37	91	+	+	+	+		+	+	B81	(1)

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

*** 8 TYPING LABS ***

B7	88%	0.795	B7	88%	0.955
B60	63%	0.970	B60	63%	0.906
B61	63%	0.824	B61	63%	0.813
B48	50%	1.000	B48	50%	1.000
B40	25%	1.000	B40	25%	1.000
B13	25%	0.200	B27	25%	0.429
???	13%	1.000	B13	25%	0.154
B56	13%	1.000	???	13%	1.000
B76	13%	1.000	B41	13%	1.000
B77	13%	1.000	B56	13%	1.000
B81	13%	1.000	B76	13%	1.000
			B77	13%	1.000

*** 8 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

	% POS	% 8'S	B 6 0	B 7	B 6 1	B 4 8	B 8 1		% POS	% 8'S	B 7	B 6 0	B 6 1	B 8 1	B 4 8	B 4 4		METHOD
Fotino,Maril	17	40	+	+		+	+		26	71	+	+		+		CW2		(2)
Lardy,N.M. D	19	100	+	+	+				25	88	+	+	+		+	B55		(2)
Pidwell,Dian	26	100	+	+	+	+	+		34	50	+	+	+	+	+	B27		(2)
Tagliere,Jac	20	100	+		+	+			35	50	+	+	+	+				(2)

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

*** 4 TYPING LABS ***

B60	100%	0.923	B7	100%	1.000
B48	75%	1.000	B60	100%	0.917
B7	75%	0.778	B61	75%	0.750
B61	75%	0.625	B48	50%	1.000
B81	50%	1.000	B81	50%	1.000
			B41	50%	0.500
			B27	25%	1.000
			CW2	25%	1.000
			B55	25%	0.500

*** 4 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: NIH-ext

	SERUM NO. 975												SERUM NO. 976											
	% POS	% 8'S	B 7	B 27	B 13	B 60	B 61	B 48	B 81	B 47	B 42	B 55		% POS	% 8'S	B 7	B 27	B 13	B 48	B 81	B 61	B 47	B 73	B 60	B 42	METHOD
Alvarez & Ca	60	100	+	+	+	+							A2,A29,A68,B57	68	100	+	+	+								A32,A28,B8,B18>	(F-3)
Berka,Noured	90	???	+		+	+	+	+		+	+		B41,B56	88	???	+	+	+	+	+	+	+		+	+	B41	(L-3)
Burger,Joe	90	100	+			+	+						A2,A3,A23,A25>	90	100	+	+									A11,A23,A24>	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+		+	+	B62	???	???	+	+	+	+	+	+		+		+	6602,B55	(L-3)
Cohen,Jacque	82	???	+	+	+			+	+		+		B40,A2	80	???	+	+	+	+	+			+		+	B40	(L-3)
Darke,Christ	???	???	+	+	+	+	+	+	+		+	+	2708	???	???	+	+	+	+	+	+		+		+	2708,B55	(L-3)
Dunn,Paul Ph	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+			A66,B55	(L-3)
Eckels/CPMC,	85	???		+	+					+	+		A2,6602,2708>	83	???		+	+								6602,B18,2708>	(L-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		+	B55	(L-3)
Ellis,Thomas	100	???	+	+	+			+	+	+			B40,B73,B67>	100	???	+		+	+	+			+			B40,B8,B70,B67	(L-3)
Esteves-Kond	99	100	+	+	+	+		+		+	+	+	B41,B67	93	100	+	+	+	+		+		+	+		B8,B67,B72	(F-3)
Fotino,Maril	39	???	+	+	+	+	+	+	+	+	+	+		41	???	+	+	+	+	+	+	+		+	+	B37	(L-3)
Gideoni,Osna	90	???											???	88	???											???	(L-3)
Han,Hoon Dr	69	???	+	+	+	+	+			+			B44,B62	64	???	+	+	+			+	+		+			(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+			2708,A66	(L-3)
Hogan,Patric	26	???	+	+	+	+	+	+	+	+			B41	20	???	+	+	+	+	+	+	+		+	+	A66	(L-3)
Israel,Shosh	???	???	+	+	+	+	+	+	+				6602,A26	???	???	+	+	+	+	+	+	+		+		6602,A26	(L-3)
Kamoun,Malek	82	???	+	+	+	+	+	+		+			B41,B73,B67	78	???	+	+	+	+		+	+	+	+		B8,B67	(L-3)
Klein,Tirza	74	100	+	+	+	+	+	+	+	+			B40,B37	72	100	+	+		+	+	+			+		B78,B40,B72>	(L-3)
Loewenthal M	88	100	+	+	+	+	+	+	+	+			A26,B37	88	100	+	+	+	+	+	+	+		+		B41,B56	(L-3)
MacCann,Eile	98	???	+	+	+	+	+	+	+	+			B41,B37	90	???	+	+	+	+	+	+	+	+	+		B41	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+		+	+	B62	???	???	+	+	+	+	+	+	+	+		+	B55	(L-3)
McAlack-Bala	86	100	+	+	+	+	+	+	+	+				90	100	+	+	+		+	+	+		+		6602	(L-3)
Meyer,Pieter	82	???				+							A2,A1,A3,A25>	71	???	+										A11,A30,A32,B8>	(L-3)
Moore,S.Brea	43	???	+	+		+	+	+	+	+			2708,B41	47	???	+	+		+	+		+	+	+		2708,A66	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		+	6602	(L-3)
Paik,Young K	???	???	+	+	+					+			B8,B16,B17,B21>	???	???	+	+	+								B8,B18,B22,B35>	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		A66	(L-3)
Phelan,Donna	36	???											7CREG,B49,B50>	31	???		+	+				+				BW6,A66,B37	(L-3)
Pidwell,Dian	???	???	+	+	+	+	+	+		+	+		8101,CW2	???	???	+	+	+	+		+	+	+	+		8101,CW2	(F-3)
Rosen-Bronso	70	100	+	+		+	+	+	+	+	+		B37,B62	91	100	+	+	+	+	+	+			+	+	B37	(F-3)
Sage,Deborah	94	???	+		+								A2,6602,B62>	100	???	+		+								6602,B8,B45>	(L-3)
Sinnott & Gu	???	???	+	+	+			+	+				A2,6602,2708>	???	???	+	+	+	+	+		+	+			6602,2708,B37	(L-3)
Smith/MI,	82	???	+	+	+		+	+	+		+	+	2708	69	???	+	+	+	+	+	+		+			2708,6602,B55	(L-3)
Suciu-Foca,N	???	100	+	+	+	+	+	+	+		+	+		???	100	+	+	+	+	+	+	+	+			A66,B55	(L-3)
Turner,E.V.	???	???											7CREG,5CREG>	???	???											7CREG,5CREG>	(L-3)
Ward & Osows	90	???	+	+	+	+	+	+	+	+	+	+		86	???	+	+	+	+	+	+	+	+			A66,B55	(LF-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

*** 37 TYPING LABS ***			*** 37 TYPING LABS ***		
B7	86%	1.000	B7	89%	1.000
B27	84%	1.000	B27	86%	1.000
B13	81%	1.000	B13	84%	1.000
B60	73%	1.000	B48	70%	1.000
B48	70%	1.000	B61	65%	1.000
B61	70%	1.000	B81	65%	1.000
B81	65%	1.000	B47	59%	1.000
B47	59%	1.000	B73	51%	1.000
B42	54%	1.000	B60	41%	1.000
B55	38%	1.000	B42	27%	1.000
B41	22%	1.000	A66	24%	0.917
A2	19%	1.000	B55	22%	1.000
B37	16%	1.000	6602	22%	0.889
B62	16%	1.000	B8	19%	1.000
2708	14%	1.000	2708	16%	1.000
B73	11%	1.000	B37	16%	1.000
6602	11%	0.800	B40	14%	1.000
A26	8%	1.000	B41	11%	1.000
B40	8%	1.000	B72	11%	1.000
B67	8%	1.000	B18	8%	1.000
7CREG	5%	1.000	B67	8%	1.000
A3	5%	1.000	A26	5%	1.000
A25	5%	1.000	A30	5%	1.000
B44	5%	1.000	B35	5%	1.000
B49	5%	1.000	B39	5%	1.000
B50	5%	1.000	B56	5%	1.000
B57	5%	1.000	B62	5%	1.000
B58	5%	1.000	B64	5%	1.000
B71	5%	1.000	A11	5%	0.842
B72	5%	1.000	A32	5%	0.800

*** 37 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: Luminex/Flow

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

	% POS	% 8'S	B 7	B 6 1	B 6 0	B 2 7	B 4 8	B 1 3	B 8 1	B 4 0	B 4 7	B 4 2		% POS	% 8'S	B 7	B 2 7	B 6 1	B 1 3	B 4 8	B 6 0	B 7 3	B 4 0	B 8 1	B 4 7		METHOD
Cooper,E. Sh	21	75	+	+	+		+							20	0	+	+	+		+							(4)
Dunn,Dale Dr	23	100	+	+	+		+		+					25	100	+	+	+		+	+			+			(4)
Eckels/CPMC,	52	???	+	+	+	+	+	+	+		+		B41,B62	47	???	+	+	+	+	+	+				+	6602,B41,B71	(4)
Fotino,Maril	36	55	+	+	+	+								36	100	+	+	+			+						(4)
Hahn,Amy B.	55	100	+			+	+	+		+			B41,B73	45	63	+	+		+	+		+	+			B55,B56	(4)
Mah,Helen	39	100	+	+	+	+		+						39	89	+	+	+	+		+						(4)
Paik,Young K	41	0	+			+	+	+		+				45	100	+	+		+	+		+	+				(4)
Smith/MI,	50	???	+	+	+	+	+	+				+	A66	85	???	+	+	+	+	+		+				A66,B37,B75>	(4)
Suciu-Foca,N	40	80	+			+		+		+		+		45	82	+	+		+				+			B42	(4)
Ward & Osows	27	33	+	+	+				+		+			37	100	+	+	+	+		+			+	+		(4)

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

*** 10 TYPING LABS ***

B7	100%	0.976
B60	70%	1.000
B61	70%	0.933
B27	70%	0.889
B48	60%	1.000
B13	60%	0.950
B40	30%	1.000
B81	30%	1.000
B41	20%	1.000
B42	20%	1.000
B47	20%	1.000
A66	10%	1.000
B62	10%	1.000
B73	10%	1.000

*** 10 TYPING LABS ***

B7	100%	0.976
B27	100%	0.923
B13	70%	0.957
B61	70%	0.867
B48	60%	1.000
B60	50%	1.000
B40	30%	1.000
B73	30%	1.000
B47	20%	1.000
B81	20%	1.000
6602	10%	1.000
A66	10%	1.000
B37	10%	1.000
B41	10%	1.000
B42	10%	1.000
B50	10%	1.000
B55	10%	1.000
B56	10%	1.000
B71	10%	1.000
B75	10%	1.000

*** 10 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: Antiglobulin

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

	% POS	% 8'S	B 7	B 4 8	B 6 1	B 6 0	B 2 7	B 1 3	B 8 1	B 4 1	B 4 7	B 4 2		% POS	% 8'S	B 7	B 4 8	B 4 7	B 6 1	B 4 7	B 1 3	B 6 0	B 8 1	B 4 1	B 5 5		METHOD
Choo,Yoon MD	53	100	+	+	+	+	+	+		+			B44	53	100	+	+	+	+	+	+	+		+			(5)
Cooper,E. Sh	21	75	+	+	+	+								20	0	+	+	+	+								(5)
Esteves-Kond	69	67	+	+	+	+	+	+	+	+		+	B67	80	100	+	+	+	+	+	+	+					(5)
Hahn,Amy B.	20	100	+	+	+	+	+	+	+	+	+		B56	16	100	+	+	+	+	+	+	+	+	+	+		(5)
Klein,Jon MD	52	???	+	+	+	+	+	+	+			+	B67,B55	64	???	+	+	+	+	+	+	+		+	+	B56	(5)
McAlack,Robe	28	100	+	+	+	+	+	+	+		+			31	100	+	+	+	+	+	+	+	+				(5)
Paik,Young K	59	100	+	+			+	+		+	+	+	B40,B49,B57	73	100	+	+	+		+	+		+			B22,B40,B42>	(5)

********** SERUM NO. 975 ********** ********** SERUM NO. 976 **********

*** 7 TYPING LABS ***

B48	100%	1.000
B7	100%	0.947
B13	86%	1.000
B27	86%	1.000
B60	86%	1.000
B61	86%	0.929
B81	57%	1.000
B41	57%	0.857
B42	43%	1.000
B47	43%	1.000
B67	29%	1.000
B40	14%	1.000
B56	14%	1.000
B57	14%	0.750
B44	14%	0.667
B49	14%	0.500
B55	14%	0.500

*** 7 TYPING LABS ***

B27	100%	1.000
B48	100%	1.000
B7	100%	0.944
B13	86%	1.000
B47	86%	1.000
B61	86%	0.929
B60	71%	1.000
B41	43%	1.000
B81	43%	1.000
B55	29%	1.000
B22	14%	1.000
B40	14%	1.000
B56	14%	1.000
B73	14%	1.000
B42	14%	0.667

*** 7 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: FEB 4 2009 **********

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #433 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101	*680102/11N	*4001	*5708	*030401/07	*060201/11	
4691	Ali,M.Ashraf	*02	*68	*40	*57	*03	*06	SSO
2300	Allegheny Ge	*02	*68	*40		*03	*06	SSP
745	Anthony Nola	*020101	*680102	*4001	*5708	*030401	*060201	SSO,SSP,SBT
5133	Baker,Judy	*020101	*6801	*4001	*5708	*0304/07/35	*0602/11/14	
4345	Blasczyk,Rai	*0201/01L/09/43N/66+	*6801/11N/33	*4001/55	*5708	*0304	*0602	PCR-SBT
5106	Brown,Colin	*02	*68	*4001/22N/54/55/62+	*5708	*03	*06	PCR-SSOP
785	Chan,Soh Ha	*02	*6801/03/05/11N+	*4001/55	*5708	*0304/07/35	*0602/11/14	SBT
3224	Chen,Dongfen	*0201	*6801	*4001	*5708	*0304	*0602	SBT,SSO
3625	Darke,Christ	*0201	*6801/11N	*4001	*5708	*0304//*0335	*0602//*0614	PCR-SSP,SBT
1108	Davis,Mary	*0201	*6801	*4001	*5708	*0304	*0602	SSO,SSP
5891	Du,Keming	*0201/04/34/35	*6801/11/23/03/05	*4001	*5708			PCR-SBT
3186	Dunckley,Hea	*02	*68	*4001/22N/30/34/43+	*5708	*0304-06/08-10+	*06	SSP
3766	Dunn,Paul	*02	*68	*40	*5708	*03	*06	PCR-SSO,SSP
3428	Eckels/Utah	*02	*68	*40	*5708			SSOP
4251	Ellis,Thomas	*0201	*6801/11N	*4001	*5708	*0304	*0602	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*6801/33	*4001/55	*5708	*0304	*0602	SSO,SBTex1-3
3135	Fischer,John	*0201/01L	*6801/11N	*4001	*5708	*0304	*0602	PCR-SSO,SBT
729	Fotino,Maril	*02	*68	*40	*57	*03	*06	
8043	Gideoni,Osnat	*02	*68	*40	*57	*03	*06	
1461	Hidajat,Mela	*0201	*6801	*4001	*5708	*0304	*0602	SSO,SSP
615	Holdsworth,R	*0201/01L/09/43N+	*6801/11N/33	*4001/55	*5708	*0304	*0602	SBT
2344	Hurley&Hartz	*02010101-010103+	*680102/11N/33	*400101/0102/55	*5708	*030401/0403	*06020101+	SBT
87	Land,Geoff	*0201	*6801	*4001	*5708	*0304	*0602	SBT,SSP
278	Lee,Jar-How	*0201	*6801	*4001	*5708	*0304	*0602	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/04/09/34/35+	*6801/03/05/11N+	*4001/55	*5708	*0304/07/35/45	*0602/11/14	PCR-SBT
9916	McIntyre,Joh	*020101	*6801/11N	*4001	*5708	*0304/47/48	*0602	SSP,SBT
794	Merenmies,Ju	*0201	*6801	*4001	*5708	*0304	*0602	
8021	Montague,Bri	*020101-0104/0106+	*6801/02/06+	*4001/22N/30+	*5708	*0303/11-13+	*0602/03/07+	PCR-SSP
5323	Murad,Shahna	*02	*68	*40	*5708	*03	*06	
733	Mytilineos,J	*02	*68	*40(B60)	*5708	*03	*06	SSO
8022	Olerup,Olle	*0201	*6801	*4001	*5708	*0304	*0602	
8000	Pahl,Armin	*02	*68	*40	*57			SSO
3648	Pereira,Noem	*0201/01L	*6801/11N	*4001	*5708	*0304//*0307	*0602//*0611	RSSO,SSP,SBT
3966	Permpikul&Ve	*0201	*68	*40	*5701	*0304	*0602	PCR-SSP
2400	Phelan,Donna	*0201	*6801	*4001	*5708	*0304	*0602	RSSO,SSP,SBT
3753	Reed,Elaine	*0201/04/34/35	*6801/03/05/11N+	*4001	*5708	*0304/07/35	*0602/11/14	
3798	Reinsmoen,N	*020101/01L	*680102/11N	*4001	*5708	*030401	*060201	SBT,RSSO,SSP
1694	Sauer&Guttwa	*02	*68	*40	*57	*03	*06	SSP
3545	Scornik,Juan	*0201	*6801/11N	*4001	*5708	*0304	*0602	RVSSOP,SBT
5096	Seoul Red Cr	*02	*68	*40	*57			PCR-SSO
8042	Shainberg,Br	*0201	*6801	*4001	*5708	*0304	*0602	SSP,SSOP
735	Smith/MI	*02	*68	*40(B60)	*57	*03(Cw10)	*06	RVSSOP
740	Snider,Denis	*0201	*6801	*4001	*5708	*0304	*0602	SSP
746	Stamm,Luz	*0201/95	*6801/41	*4001	*5708	*0304	*0602	RVSSO,SSP
13	Tagliere,Jac	*0201	*6801	*4001	*5708	*0304	*0602	SSP
4021	Trachtenberg	*02	*68	*40	*5708	*03	*06	SSOP,SSP
5462	Turner,E.V.	*0201	*6801	*4001	*5708	*0304	*0602	SSO,SEQ,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #434 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*010101	*260101	*080101	*3809	*0701/06/18	*120301	
4691	Ali,M.Ashraf	*01	*26	*08	*38	*07	*12	SSO
2300	Allegheny Ge	*01	*26	*08	*38	*07	*12	SSP
745	Anthony Nola	*01010101	*260101	*080101	*3809	*0701	*120301	SSO,SSP,SBT
5133	Baker,Judy	*010101	*260101	*080101	*380101	*0701/06/18/52	*120301/06	
4345	Blasczyk,Rai	*0101/01N/04N/22N	*2601/24/26	*0801/19N	*3809	*0701/06/18/52	*1203	PCR-SBT
5106	Brown,Colin	*01	*26	*08	*38	*07	*1203/06/07+	PCR-SSOP
785	Chan,Soh Ha	*0101/04N/22N	*2601/24/26	*0801/03/19N/23	*38/*39	*0701/06/18/22+	*1203/20	SBT
3224	Chen,Dongfen	*0101	*2601	*0801	*3809	*0701/06/18	*1203	SBT,SSO
3625	Darke,Christ	*0101	*2601	*0801	*3809	*0701	*1203	PCR-SSP,SBT
1108	Davis,Mary	*0101	*2601	*0801	*3809	*0701	*1203	SSO,SSP
5891	Du,Keming	*0101	*2601	*0801	*3809			PCR-SBT
3186	Dunckley,Hea	*01	*26	*08	*38	*07	*12	SSP
3766	Dunn,Paul	*01	*26	*08	*38	*07	*12	PCR-SSO,SSP
3428	Eckels/Utah	*01/*36	*26	*08	*38			SSOP
4251	Ellis,Thomas	*0101	*2601	*0801	*3809	*0701/06/18	*1203	PCR-SSO,SEQ
762	Fischer&Mayr	*0101	*2601	*0801/19N	*3809	*0701	*1203	SSO,SBTex1-3
3135	Fischer,John	*0101	*2601	*0801	*3809	*0701	*1203	PCR-SSO,SBT
729	Fotino,Maril	*01	*26	*08	*38	*07	*12	
8043	Gideoni,Osnat	*01	*26	*08	*38	*07	*12	
1461	Hidajat,Mela	*0101	*2601	*0801	*3801	*0701	*1203	SSO,SSP
615	Holdsworth,R	*0101/01N/04N/22N	*2601/24/26	*0801/19N	*3809	*0701/06/18/52	*1203	SBT
2344	Hurley&Hartz	*01010101/010102N+	*260101/24/26	*080101/19N	*3809	*070101/0102+	*12030101+	SBT
87	Land,Geoff	*0101	*2601	*0801	*3809	*0701	*1203	SBT,SSP
278	Lee,Jar-How	*0101/11N/15N/16N+	*2601/23-26/32	*0801/22/30N	*3801/09/12	*0701/21/24/35+	*1203	SSP,RVSSOP
640	Lee,Kyung Wh	*0101/04N/22N	*2601/24/26	*0801/19N	*3809	*0701/06/18/22+	*1203/20	PCR-SBT
9916	McIntyre,Joh	*01010101	*260101	*080101	*3809	*0701/52/53/55N	*1203	SSP,SBT
794	Merenmies,Ju	*0101	*2601	*0801	*3809	*0701/06/18/52	*1203	
8021	Montague,Bri	*0101/04N/06+	*260101/0103-02+	*0801/06-08N+	*3801/02/04+	*0701/06/07+	*120301/0303+	PCR-SSP
5323	Murad,Shahna	*01	*26	*08	*38	*07	*12	
733	Mytilineos,J	*01	*26	*08	*38	*07	*12	SSO
8022	Olerup,Olle	*0101	*2601	*0801	*3801	*0701	*1203	
8000	Pahl,Armin	*01	*26	*08	*38			SSO
3648	Pereira,Noem	*0101/01N	*260101	*080101	*3809	*0701/06/18/52	*1203	RSSO,SSP,SBT
3966	Permpikul&Ve	*01	*26	*08	*3801	*0701/06	*1203	PCR-SSP
2400	Phelan,Donna	*0101	*2601	*0801	*3801/09	*0701	*1203	RSSO,SSP,SBT
3753	Reed,Elaine	*0101	*2601	*0801	*3809	*0701/06/18/22	*1203/20	
3798	Reinsmoen,N	*01010101/010102N	*260101	*080101	*3809	*0701	*120301	SBT,RSSO,SSP
1694	Sauer&Guttwa	*01	*26	*08	*38	*07	*12	SSP
3545	Scornik,Juan	*0101	*2601	*0801	*3809	*0701/06/18	*1203	RVSSOP,SBT
5096	Seoul Red Cr	*01	*26	*08	*38			PCR-SSO
8042	Shainberg,Br	*0101	*2601	*0801	*3801	*0701	*1203	SSP,SSOP
735	Smith/MI	*01	*26	*08	*38	*07	*12	RVSSOP
740	Snider,Denis	*0101	*2601	*0801	*3809	*0701	*1203	SSP
746	Stamm,Luz	*0101	*2601	*0801	*3801/16	*0701/52	*1203	RVSSO,SSP
13	Tagliere,Jac	*0101	*2601	*0801	*3801	*0701	*1203	SSP
4021	Trachtenberg	*01	*26	*08	*38	*07	*12	SSOP,SSP
5462	Turner,E.V.	*0101	*2601	*0801	*3809	*0701	*1203	SSO,SEQ,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #435 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101	*6601	*150101	*380101	*030401	*120301	
4691	Ali,M.Ashraf	*02	*66	*15	*38	*03	*12	SSO
2300	Allegheny Ge	NT						
745	Anthony Nola	*0201/01L	*6601	*15010101	*380101	*030401	*120301	SSO,SSP,SBT
5133	Baker,Judy	*020101	*6601	*150101	*380101	*0304	*120301/06	
4345	Blasczyk,Rai	*0201/01L/09/43N+	*6601	*1501/01N/*9502/04+	*3801	*0304	*1203	PCR-SBT
5106	Brown,Colin	*02	*6607	*15	*38	*03	*1203/06/11+	PCR-SSOP
785	Chan,Soh Ha	*02	*66/*26	*1501/24/*9502/04+	*3801/*3905	*0304	*1203	SBT
3224	Chen,Dongfen	*0201	*6601	*1501	*3801	*0304	*1203	SBT,SSO
3625	Darke,Christ	*0201	*6601	*1501	*3801	*0304	*1203	PCR-SSP,SBT
1108	Davis,Mary	*0201	*6601	*1501	*3801	*0304	*1203	SSO,SSP
5891	Du,Keming	*0201/34	*6601/05	*1501	*3801			PCR-SBT
3186	Dunckley,Hea	*02	*66	*1501/04-06/25-27+	*38	*0304-06/08-10+	*12	SSP
3766	Dunn,Paul	*02	*6601/04	*15	*3801/09	*03	*12	PCR-SSO,SSP
3428	Eckels/Utah	*02	*66	*15	*3801/09			SSOP
4251	Ellis,Thomas	*0201	*6601	*1501	*3801	*0304	*1203	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*6601	*1501	*3801	*0304	*1203	SSO,SBTex1-3
3135	Fischer,John	*0201/01L	*6601	*1501	*3801	*0304	*1203	PCR-SSO,SBT
729	Fotino,Maril	*02	*66	*15	*38	*03	*12	
8043	Gideoni,Osnat	*02	*66	*15	*38	*03	*12	
1461	Hidajat,Mela	*0201	*6601	*1501	*3801	*0304	*1203	SSO,SSP
615	Holdsworth,R	*0201/01L/09/43N+	*6601	*1501/01N/*9502/04+	*3801	*0304	*1203	SBT
2344	Hurley&Hartz	*02010101-010103+	*6601	*15010101/010102N+	*380101	*030401/0403	*12030101+	SBT
87	Land,Geoff	*0201	*6601	*1501	*3801	*0304	*1203	SBT,SSP
278	Lee,Jar-How	*0201/24/66/88N/92+	*6601	*1501/79N/82/92/96+	*3801/09	*0304/23/24	*1203	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/09/34+//*0235	*6601/05///*2603	*1501/*9502/04/40+	*3801	*0304	*1203	PCR-SBT
9916	McIntyre,Joh	*0201	*6601	*15010101	*380101	*0304/47/48	*1203	SSP,SBT
794	Merenmies,Ju	*0201	*6601	*1501	*3801	*0304	*1203	
8021	Montague,Bri	*020101-0104/0106+	*6601/04	*150101/0103/0104+	*3801/02/04+	*0302/04-06+	*120301/0303+	PCR-SSP
5323	Murad,Shahna	*02	*66	*15	*38	*03	*12	
733	Mytilineos,J	*02	*66	*15(B62)	*38	*03	*12	SSO
8022	Olerup,Olle	*0201	*6601	*1501	*3801	*0304	*1203	
8000	Pahl,Armin	*02	*66	*15	*38			SSO
3648	Pereira,Noem	*0201/01L	*6601	*1501/01N	*380101	*0304	*1203	RSSO,SSP,SBT
3966	Permpikul&Ve	*0201	*6601	*1501	*3801	*0304	*1203	PCR-SSP
2400	Phelan,Donna	*0201	*6601	*1501	*3801	*0304	*1203	RSSO,SSP,SBT
3753	Reed,Elaine	*0201/34/35	*6601/05/*2603	*1501/24	*3801/*3905	*0304	*1203	
3798	Reinsmoen,N	*020101/01L	*6601	*15010101/010102N	*380101	*030401	*120301	SBT,RSSO,SSP
1694	Sauer&Guttwa	*02	*66	*15	*38	*03	*12	SSP
3545	Scornik,Juan	*0201	*6601	*1501	*3801	*0304	*1203	RVSSOP,SBT
5096	Seoul Red Cr	*02	*66	*15	*38			PCR-SSO
8042	Shainberg,Br	*0201	*6601	*1501	*3801	*0304	*1203	SSP,SSOP
735	Smith/MI	*02	*66	*15(B62)	*38	*03(Cw10)	*12	RVSSOP
740	Snider,Denis	*0201	*6601	*1501	*3801	*0304	*1203	SSP
746	Stamm,Luz	*0201	*6601	*1501/*9535	*3801/16	*0304	*1203	RVSSO,SSP
13	Tagliere,Jac	*0201	*6601	*1501	*3801	*0304	*1203	SSP
4021	Trachtenberg	*02	*66	*15	*38	*03	*12	SSOP,SSP
5462	Turner,E.V.	*0201	*6601	*1501	*3801	*0304	*1203	SSO,SEQ,SSP

CTR	INVESTIGATOR NAME	DNA EXTRACT #436 (Hispanic) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*2402	*3305	*140201	*4501	*0802	*160101	
4691	Ali,M.Ashraf	*24	*33	*14	*45	*08	*16	SSO
2300	Allegheny Ge	NT						
745	Anthony Nola	*2402	*3305	*140201	*4501	*0802	*160101	SSO,SSP,SBT
5133	Baker,Judy	*240201/10	*3305	*140201	*4501	*0802	*160101	
4345	Blasczyk,Rai	*2402/02L/09N/11N+	*3305	*1402	*4501/07	*0802	*1601	PCR-SBT
5106	Brown,Colin	*24	*3303/07	*1402	*4501/07	*0802/12	*1601/08	PCR-SSOP
785	Chan,Soh Ha	*24	*3301/05	*140201	*4501/07	*0802	*160101	SBT
3224	Chen,Dongfen	*2402	*3305	*1402	*4501	*0802	*1601	SBT,SSO
3625	Darke,Christ	*2402	*3305	*14(B65)	*45	*0802	*1601	PCR-SSP,SBT
1108	Davis,Mary	*2402	*3304	*1402	*4501	*0802	*1601	SSO,SSP
5891	Du,Keming	*2402	*3305	*1402	*4501			PCR-SBT
3186	Dunckley,Hea	*24	*33	*1402/03	*45	*08	*16	SSP
3766	Dunn,Paul	*24	*33	*1402	*45	*0802/05/12	*1601/08	PCR-SSO,SSP
3428	Eckels/Utah	*24	*33	*1402	*45			SSOP
4251	Ellis,Thomas	*2402	*3305	*1402	*4501	*0802	*1601	PCR-SSO,SEQ
762	Fischer&Mayr	*2402	*3305	*1402	*4501/07	*0802	*1601	SSO,SBTex1-3
3135	Fischer,John	*2402	*3305	*1402	*4501	*0802	*1601	PCR-SSO,SBT
729	Fotino,Maril	*24	*33	*14	*45	*08	*16	
8043	Gideoni,Osnat	*24	*33	*14	*45	*08	*16	
1461	Hidajat,Mela	*2402	*3305	*1402	*4501	*0802	*1601	SSO,SSP
615	Holdsworth,R	*2402/09N/11N/40N+	*3305	*1402	*4501/07	*0802	*1601	SBT
2344	Hurley&Hartz	*24020101/020102L+	*3305	*140201	*4501/07	*0802	*160101	SBT
87	Land,Geoff	*2402	*3301/04/05/07	*1402	*4501	*0802	*1601	SBT,SSP
278	Lee,Jar-How	*2402/58/69/70/74+	*3302/05	*1402	*4501/07	*0802/12	*1601/08	SSP,RVSSOP
640	Lee,Kyung Wh	*2402/09N/11N/40N+	*3305	*1402	*4501/07	*0802	*1601	PCR-SBT
9916	McIntyre,Joh	*24020101	*3305	*140201	*4501	*0802	*1601/11	SSP,SBT
794	Merenmies,Ju	*2402	*3305	*1402	*4501	*0802	*1601	
8021	Montague,Bri	*2402/30/07+	*3301/03-07+	*1402-04	*4501/03/05+	*0802/04/05+	*1601/02/06+	PCR-SSP
5323	Murad,Shahna	*24	*33	*14	*45	*08	*16	
733	Mytilineos,J	*24	*33	*1402	*45	*08	*16	SSO
8022	Olerup,Olle	*2402	*3305	*1402	*4501	*0802	*1601	
8000	Pahl,Armin	*24	*33	*14	*45			SSO
3648	Pereira,Noem	*2402	*3305	*140201	*4501	*0802	*160101	RSSO,SSP,SBT
3966	Permpikul&Ve	*24	*33	*14	*4501	*0802	*1601	PCR-SSP
2400	Phelan,Donna	*2402	*3305	*1402	*4501	*0802	*1601	RSSO,SSP,SBT
3753	Reed,Elaine	*2402	*3305	*1402	*4501	*0802	*1601	
3798	Reinsmoen,N	*24020101/020102L	*3305	*140201	*4501	*0802	*160101	SBT,RSSO,SSP
1694	Sauer&Guttwa	*24	*33	*14	*45	*08	*16	SSP
3545	Scornik,Juan	*2402	*3305	*1402	*4501	*0802	*1601	RVSSOP,SBT
5096	Seoul Red Cr	*24	*33	*14	*45			PCR-SSO
8042	Shainberg,Br	*2402	*3305	*1402	*4501	*0802	*1601	SSP,SSOP
735	Smith/MI	*24	*33	*14(B65)	*45	*08	*16	RVSSOP
740	Snider,Denis	*2402	*3305/07	*1402	*4501	*0802	*1601	SSP
746	Stamm,Luz	*2402	*3305	*1402	*4501	*0802	*1601	RVSSO,SSP
13	Tagliere,Jac	*2402	*3305	*1402	*4501	*0802	*1601	SSP
4021	Trachtenberg	*24	*33	*1402/04	*45	*08	*1601/08	SSOP,SSP
5462	Turner,E.V.	*2402	*3305	*1402	*4501	*0802	*1601	SSO,SEQ,SSP

SUMMARY

Extract 433 (Caucasian)

48 labs

A*02	50%
A*0201	42%
A*020101	8%
A*02	100% TOTAL
A*68	54%
A*6801/11N	13%
A*680102/11N	4%
A*6801	27%
A*680102	2%
A*68	100% TOTAL

48 labs

B*40	35%
B*4001/55	13%
B*4001	52%
B*40	100% TOTAL
B*57	15%
B*5701	2%
B*5708	81%
B*57	98% TOTAL

44 labs

Cw*03	48%
Cw*0304	48%
Cw*030401	4%
Cw*03	100% TOTAL
Cw*06	34%
Cw*0602/11/14	9%
Cw*060201/11	2%
Cw*0602	50%
Cw*060201	5%
Cw*06	100% TOTAL

Extract 434 (Caucasian)

48 labs

A*01	46%
A*0101	42%
A*010101	6%
A*01010101	4%
A*01	98% TOTAL
A*26	38%
A*2601/24/26	8%
A*260101/24/26	2%
A*2601	40%
A*260101	12%
A*26	100% TOTAL

48 labs

B*08	40%
B*0801/19N	8%
B*080101/19N	2%
B*0801	38%
B*080101	12%
B*08	100% TOTAL
B*38	40%
B*3801	10%
B*380101	2%
B*3809	46%
B*38	98% TOTAL

44 labs

Cw*07	41%
Cw*0701/06/18/52	14%
Cw*0701/06/18	9%
Cw*0701/06	2%
Cw*0701/52	2%
Cw*0701	32%
Cw*07	100% TOTAL
Cw*12	36%
Cw*1203	57%
Cw*120301	7%
Cw*12	100% TOTAL

Extract 435 (Caucasian)

47 labs

A*02	49%
A*0201	47%
A*020101	4%
A*02	100% TOTAL
A*66	32%
A*6601	60%
A*6607	2%
A*66	94% TOTAL

47 labs

B*15	49%
B*1501	41%
B*150101	6%
B*15010101	4%
B*15	100% TOTAL
B*38	36%
B*3801	45%
B*380101	15%
B*38	96% TOTAL

43 labs

Cw*03	33%
Cw*0304	60%
Cw*030401	7%
Cw*03	100% TOTAL
Cw*12	30%
Cw*1203	63%
Cw*120301	7%
Cw*12	100% TOTAL

Extract 436 (Hispanic)

47 labs

A*24	49%
A*2402	47%
A*240201	2%
A*24020101	2%
A*24	100% TOTAL
A*33	43%
A*3304	2%
A*3305	55%
A*34	100% TOTAL

47 labs

B*14	28%
B*1402	55%
B*140201	17%
B*14	100% TOTAL
B*45	32%
B*4501/07	17%
B*4501	51%
B*45	100% TOTAL

43 labs

Cw*08	30%
Cw*0802	70%
Cw*08	100% TOTAL
Cw*16	23%
Cw*1601/08	10%
Cw*1601	51%
Cw*160101	16%
Cw*16	100% TOTAL

INVESTIGATOR	CELL NO.1345 (Caucasian/Korean)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*2402	*6801	*4901	*5901	*0102	*0701	SSO,SSP,SBT
5106 Brown,Colin	*24	*6801/08/22/25+	*4901	*5901	*01	*07	PCR-SSOP
5232 Charlton,Ron	*2402	*6801	*4901	*5901	*0102	*0701	RVSSO,SSP
4492 Charron,D.	*24	*68	*49	*59			PCR-SSP
798 Claas,F.H.J.	*24020101	*680101	*4901	*5901	*010201	*0701	SBT,SSP,RLB
3632 Colombe,Beth	*2402	*6801	*4901	*5901	*0102	*0701	SSP
3904 Cooper,Shann	*24	*68	*49	*59	*01	*07	PCR-SSP
5130 Costeas,Paul	*2402	*6801	*4901	*5901	*0102	*0701	SSP
779 Daniel,Claud	*24	*68	*49	*59	*01	*07	PCR-SSP
3625 Darke,Christ	*2402	*6801	*4901	*5901	*0102//*0117	*0701//*0740	PCR-SSP,SBT
4269 Dormoy,Anne	*24020101	*680101	*4901	*5901	*010201	*070101	PCR-SSP,SBT
3186 Dunckley,Hea	*24	*68	*49	*59	*01	*07	SSP
3766 Dunn,Paul	*24	*6801/22/25/27+	*4901	*5901	*01	*07	SSO
856 Dupont,Bo	*2402+	*6801/07/22/35+	*4901	*5901	*0102/06-08/11+	*0701/05/06/16+	SSO
5214 Eckels/CPMC	*24	*68	*4901	*5901	*01	*07	SSOP
2332 Elkhalifa,Mo	*24	*68	*49	*59	*01	*07	SSO
4251 Ellis,Thomas	*2402	*6801	*4901	*5901	*0102	*0701/06/18	PCR-SSO,SEQ
762 Fischer&Mayr	*2402	*6801	*4901	*5901	*0102	*0701/06/18/52	
729 Fotino,Maril	*24	*68	*49	*59	*01	*07	
8043 Gideoni,Osna	*24	*68	*49	*59	*01	*07	SSOP
3808 Hogan,Patric	*24	*68	*4901/02	*5901-03	*01	*07	SSP
771 Israel,Shosh	*2402	*6801	*4901	*5901	*0102	*0701	PCR-SSO,SBT
859 Kamoun,Malek	*2402	*6801	*4901	*5901	*01	*0701	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*2402/09N	*6801	*4901	*5901	*0102	*0701	SBT
168 Klein,Tirza	*2402	*6801	*4901	*5901	*0102	*0701	PCR-SSP,SSOP
278 Lee,Jar-How	*2402/63/69/70+	*6801/22/35	*4901	*5901	*0102/11/15-17+	*0701/21/24/36+	SSP,RVSSOP
759 Lefor,W.M.	*2402/15/20/21+	*6801/22/25/27+	*4901	*5901	*0102/07/11/15+	*0701/06/16/18+	RVSSO
731 Loewenthal,R	*2402	*6801	*4901	*5901	*0102/17	*0701/06/18/52	
8029 Mani,Rama	*24	*68	*49	*59			PCR-SSP
792 Moore,S.Brea	*2402	*6801	*4901	*5901	*0102	*0701	PCR-SSO,SSP
774 Paik,Young	*2402/55/56/58+	*68	*4901	*5901	*01	*07	SSP,SSOP
4336 Park,Myoung	*24	*6801/04/22/35	*4901	*5901	*0102/06-08	*07	RVSSO
16 Pidwell,Dian	*240201	*680101	*4901	*5901	*010201//*0117	*070101/18//+	PCR-RSSOP,SBT
4689 Rajczy,Katal	*2402/17/20-22+	*6801/22/25/26+	*4901	*5901	*01	*07	PCR-SSO,SSP
5200 Reinke,Dennis	*24	*68	*49	*59	*01	*07	SSP
1160 Rosen-Bronso	*24	*68	*4901	*5901	*01	*07	RVSSO
793 Rubocki,Ron	*24	*68	*49	*59	*01	*07	SSP
4948 Sage,Deborah	*2402	*6801	*4901	*5901	*0102/17	*0701/06/18/40+	SSO,SBT
8001 Sheikh,Maqso	*24	*68	*49	*59	*01	*07	RVSSO,SSP
769 Tavoularis,S	*2402	*6801	*4901	*5901	*0102/17	*0701/40/52	SSO,SBT,SSP
747 Tiercy,Jean-	*240201	*680101/07	*4901	*5901	*0102	*0701	SBT,SSO,SSP
5451 Tilanus,Marc	*2402	*6801	*4901	*5901	*010201	*0701	SBT
5462 Turner,E.V.	*2402	*6801	*4901	*5901	*0102	*0701	SSO,SEQ,SSP
705 Watkins,Davi	*24	*68	*4901	*5901	*01	*0701g	PCR-SSP
5670 Wetmore,Mari	*24	*68	*49	*59	*01	*07	SSP

INVESTIGATOR	CELL NO.1346 (Caucasian)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*2405	*300101	*130201	*44020101	*050101	*060201	SSO,SSP,SBT
5106 Brown,Colin	*2405	*3001/15/19/23+	*1302/19	*44	*05	*06	PCR-SSOP
5232 Charlton,Ron	*2405	*3001	*1302	*4402	*0501	*0602	RVSSO,SSP
4492 Charron,D.	*2405	*30	*13	*44			PCR-SSP
798 Claas,F.H.J.	*2405	*300101	*130201	*440201	*050101	*060201	SBT,SSP,RLB
3632 Colombe,Beth	*2405	*3001	*1302	*4402	*0501	*0602	SSP
3904 Cooper,Shann	*24	*30	*13	*44	*05	*06	PCR-SSP
5130 Costeas,Paul	*2405	*3001	*1302	*4402	*0501	*0602	SSP
779 Daniel,Claud	*24	*30	*13	*44	*05	*06	PCR-SSP
3625 Darke,Christ	*2405	*3001	*1302	*4402/19	*0501	*0602	PCR-SSP,SBT
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*2405	*30	*13	*44	*05	*06	SSP
3766 Dunn,Paul	*2405	*30	*1302/03/19	*44	*05	*06	SSO
856 Dupont,Bo	*2405	*3001/18/19/23+	*1302/01/08Q/07N+	*4402+	*0501/*1209	*0602/09	SSO
5214 Eckels/CPMC	*2405	*30	*13	*44	*05	*06	SSOP
2332 Elkhalifa,Mo	*24	*30	*13	*44	*05	*06	SSO
4251 Ellis,Thomas	*2405	*3001	*1302	*4402/19N	*0501	*0602	PCR-SSO,SEQ
762 Fischer&Mayr	*24	*30	*1302	*4402/27	*0501/03/04/08	*0602/06/09	
729 Fotino,Maril	*24	*30	*13	*44	*05	*06	
8043 Gideoni,Osna	*24	*30	*13	*44	*05	*06	SSOP
3808 Hogan,Patric	*24	*30	*1302/03/08Q/14+	*44	*05	*06	SSP
771 Israel,Shosh	*2405	*3001	*1302	*4402	*0501	*0602	PCR-SSO,SBT
859 Kamoun,Malek	*2405	*3001	*1302	*4402	*0501	*0602	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*2405	*3001	*1302	*4402	*0501	*0602	SBT
168 Klein,Tirza	*2405	*3001	*1302	*4402	*0501	*0602	PCR-SSP,SSOP
278 Lee,Jar-How	*2405	*3001	*1302	*4402	*0501	*0602	SSP,RVSSOP
759 Lefor,W.M.	*2405	*3001/15/18/19+	*1302/03/19	*4402/11/21/27/33+	*0501/03-06+	*0602/05/06/09+	RVSSO
731 Loewenthal,R	*2405	*300101	*130201	*440201/19N	*0501/03/04/08	*0602/09	
8029 Mani,Rama	*24	*30	*13	*44			PCR-SSP
792 Moore,S.Brea	*2405	*3001	*1302	*4402	*0501	*0602	PCR-SSO,SSP
774 Paik,Young	*2405	*3001/15/18-20+	*13	*44	*05	*06	SSP,SSOP
4336 Park,Myoung	*2405	*3001/18/19	*1301/02/07N/08	*44	*0508	*0602/07/10	RVSSO
16 Pidwell,Dian	*2405	*300101	*130201	*440201/19N	*050101//*0504+	*060201//*0609+	PCR-RSSOP,SBT
4689 Rajczy,Katal	*2405	*3001/15/18-20+	*1302/03/08Q/11/19	*4402/11/20/21/27+	*05	*06	PCR-SSO,SSP
5200 Reinke,Dennis	*24	*30	*13	*44	*05	*06	SSP
1160 Rosen-Bronso	*24	*30	*13	*44	*05	*06	RVSSO
793 Rubocki,Ron	*24	*30	*13	*44	*05	*06	SSP
4948 Sage,Deborah	*2405	*3001	*1302	*4402/19N/27	*0501/03/04/08	*0602/06/09	SSO,SBT
8001 Sheikh,Maqso	*24	*30	*13	*44	*05	*06	RVSSO,SSP
769 Tavoularis,S	*2405	*3001	*1302	*4402/02S	*0501	*0602	SSO,SBT,SSP
747 Tiercy,Jean-	*2405	*3001	*130201	*440201	*0501	*0602	SBT,SSO,SSP
5451 Tilanus,Marc	*2405	*300101	*130201	*440201	*050101	*060201	SBT
5462 Turner,E.V.	*2405	*3001	*1302	*4402	*0501	*0602	SSO,SEQ,SSP
705 Watkins,Davi	*24	*30	*13	*4402g	*05	*06	PCR-SSP
5670 Wetmore,Mari	*24	*30	*13	*44	*05	*06	SSP

INVESTIGATOR	CELL NO.1347 (Filipino)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*110101	*3405	*350101	*1535	*070201	*080101	SSO,SSP,SBT
5106 Brown,Colin	*11	*3401/05	*35	*1535/*9518	*07	*0801/08	PCR-SSOP
5232 Charlton,Ron	*1101	*3405	*3501	*1535	*0702	*0801	RVSSO,SSP
4492 Charron,D.	*1101/10	*3405	*35	*15	*07	*08	PCR-SSP
798 Claas,F.H.J.	*110101	*3405	*350101	*1535	*070201	*080101	SBT,SSP,RLB
3632 Colombe,Beth	*1101	*3405	*3501	*1535	*0702	*0801	SSP
3904 Cooper,Shann	*11	*34	*35	*1535	*07	*08	PCR-SSP
5130 Costeas,Paul	*1101/32	*3405	*3501	*1535	*0702	*0801	SSP
779 Daniel,Claud	*11	*34	*35	*15(B62)	*07	*08	PCR-SSP
3625 Darke,Christ	*1101	*3405	*3501/42/57	*1535	*0702	*0801	PCR-SSP,SBT
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*11	*34	*35	*1501/04/05/07/26N+	*07	*08	SSP
3766 Dunn,Paul	*11	*3401/05	*35	*1520/35/85/*9518/29	*07	*0801/08	SSO
856 Dupont,Bo	*1101	*3401/05	*3501/03/07/17/14	*1520/25/32/35/85+	*0702/03/10/17+	*0801/03/04/06+	SSO
5214 Eckels/CPMC	*11	*34	*35	*15(B62)	*07	*08	SSOP
2332 Elkhalifa,Mo	*11	*34	*35	*15	*07	*08	SSO
4251 Ellis,Thomas	*1101	*3405	*3501/42/57	*1535	*0702/50	*0801	PCR-SSO,SEQ
762 Fischer&Mayr	*11	*34	*3501/57/94	*1535	*0702/50	*0801	
729 Fotino,Maril	*11	*34	*35	*15	*07	*08	
8043 Gideoni,Osna	*11	*34	*35	*15	*07	*08	SSOP
3808 Hogan,Patric	*11	*3401/05	*35	*1535/*9541	*07	*08	SSP
771 Israel,Shosh	*1101	*3405	*3501	*1535	*0702	*0801/08	PCR-SSO,SBT
859 Kamoun,Malek	*1101	*3405	*3501	*1535	*0702	*0801	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*1101	*3405	*3501	*1535	*0702	*0801	SBT
168 Klein,Tirza	*1101	*3401/05	*3501	*1535	*0702	*0801	PCR-SSP,SSOP
278 Lee,Jar-How	*1101	*3405	*3501	*1535	*0702	*0801	SSP,RVSSOP
759 Lefor,W.M.	*1101-03/07/12+	*3401/05	*3501/07/14/17/27+	*1535/20/85+	*0702/38/39/46+	*0801/08	RVSSO
731 Loewenthal,R	*110101	*3405	*350101/42	*1535	*070201/50	*080101	
8029 Mani,Rama	*11	*34	*35	*15			PCR-SSP
792 Moore,S.Brea	*1101	*3401/05	*3501	*1535	*0702	*0801	PCR-SSO,SSP
774 Paik,Young	*11	*34	*35	*15	*07	*08	SSP,SSOP
4336 Park,Myoung	*11	*3401/05	*35	*15	*07	*08	RVSSO
16 Pidwell,Dian	*110101	*3405	*350101/42/57	*1535	*070201/50	*080101	PCR-RSSOP,SBT
4689 Rajczy,Katal	*1101/02/06/07+	*3401/05	*35	*1501/20/35	*07	*0801/03/06/08+	PCR-SSO,SSP
5200 Reinke,Dennis	*11	*34	*35	*15(B62)	*07	*08	SSP
1160 Rosen-Bronso	*11	*34	*35	*1535	*07	*08	RVSSO
793 Rubocki,Ron	*11	*34	*35	*150104/15/27/*9520	*07	*08	SSP
4948 Sage,Deborah	*1101	*3405	*3501/40N/42/57/94	*1501/*9502/04/40/46	*0702/50	*0801	SSO,SBT
8001 Sheikh,Maqso	*11	*34	*35	*1535	*07	*08	RVSSO,SSP
769 Tavoularis,S	*1101	*3405	*3501/57	*1535	*0702/50	*0801	SSO,SBT,SSP
747 Tiercy,Jean-	NT						
5451 Tilanus,Marc	*110101	*3405	*350101	*1535	*070201	*080101	SBT
5462 Turner,E.V.	*1101	*3405	*3501	*1535	*0702	*0801	SSO,SEQ,SSP
705 Watkins,Davi	*11	*34	*3501g	*1501g	*0702g	*0801g	PCR-SSP
5670 Wetmore,Mari	*11	*34	*35	*15(B62)	*07	*08	SSP

CTR	INVESTIGATOR NAME	CELL NO.1348 (Hispanic) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*020101	*020601	*3908	*15010101	*010201	*070201	SSO,SSP,SBT
5106	Brown,Colin	*02		*3908	*15	*01	*07	PCR-SSOP
5232	Charlton,Ron	*0201	*0206	*3908	*1501	*0102	*0702	RVSSO,SSP
4492	Charron,D.	*02		*39	*15	*01	*07	PCR-SSP
798	Claas,F.H.J.	*020101	*020601	*3908	*15010101	*010201	*070201	SBT,SSP,RLB
3632	Colombe,Beth	*0201	*0206	*3908	*1501	*0102	*0702	SSP
3904	Cooper,Shann	*0201/88N/92-97	*2606/91	*3908	*15010101/0102-0107+	*01	*07	PCR-SSP
5130	Costeas,Paul	*0201	*0206/85	*3908	*1501	*0102	*0702	SSP
779	Daniel,Claud	*02		*39	*15(B62)	*01	*07	PCR-SSP
3625	Darke,Christ	*0201	*0206	*3908	*1501	*0102//*0117	*0702//*0739	PCR-SSP,SBT
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*02		*39	*1501/04/05/07/26N+	*01	*07	SSP
3766	Dunn,Paul	*02	*02	*3908	*15	*01	*07	SSO
856	Dupont,Bo	*0201+	*0206+	*3902/08/13/23	*1501+	*0102/06-08/11+	*0701+	RVSSO
5214	Eckels/CPMC	*02	*02	*3908	*15(B62)	*01	*07	SSOP
2332	Elkhalifa,Mo	*02		*39	*15	*01	*07	SSO
4251	Ellis,Thomas	*0201	*0206	*3908	*1501	*0102	*0702/50	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*0206	*3908	*1501/*9502/04/40/46	*0102/22	*0702/37/50	
729	Fotino,Maril	*02		*39	*15	*01	*07	
8043	Gideoni,Osna	*02		*39	*15	*01	*07	SSOP
3808	Hogan,Patric	*02		*3902/08/13/23	*15	*01	*07	SSP
771	Israel,Shosh	*0201	*0206	*3908	*1501	*0102	*0702	PCR-SSO,SBT
859	Kamoun,Malek	*0201	*0206	*3908	*1501	*01	*0702	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*0201	*0206	*3908	*1501	*0102	*0702	SBT
168	Klein,Tirza	*0201	*0206	*3908	*1501	*0102	*0702	PCR-SSP,SSOP
278	Lee,Jar-How	*0201/24/66/88N+	*0206	*3908	*1501/79N/82/92/96+	*0102/11/16-19	*0702/32N/46+	SSP,RVSSOP
759	Lefor,W.M.	*0201/04/07/09+	*0206/10/21/28+	*3908	*1501/28/33-35+	*0102/07/11/15+	*0702/38/39/46+	RVSSO
731	Loewenthal,R	*020101	*0206	*39	*15	*0102	*07	
8029	Mani,Rama	*02	*02	*39	*15			PCR-SSP
792	Moore,S.Brea	*0201	*0206	*3908	*1501	*0102	*0702	PCR-SSO,SSP
774	Paik,Young	*0201/24/66/88N+	*0206/91/92	*3908/13	*15	*01	*07	SSP,SSOP
4336	Park,Myoung	*02		*3902/08/13/23	*15	*01	*07	RVSSO
16	Pidwell,Dian	*020101	*020601	*3908	*150101	*0102//*0117//+	*070201/50//+	PCR-RSSOP,SBT
4689	Rajczy,Katal	*0201	*0206	*3908/13	*1501/27/28/32/35+	*01	*07	PCR-SSO,SSP
5200	Reinke,Dennis	*02		*39	*15(B62)	*01	*07	SSP
1160	Rosen-Bronso	*02		*3908	*1501	*01	*07	RVSSO
793	Rubocki,Ron	*02		*39	*15	*01	*07	SSP
4948	Sage,Deborah	*0201	*0206	*3908	*1501/*9502/04/40/46	*0102/17/22	*0702/37/39/50	SSO,SBT
8001	Sheikh,Maqso	*02		*39	*1501/79N/82/92/94N+	*01	*07	RVSSO,SSP
769	Tavoularis,S	*0201/01L	*0206	*3908	*1501	*0102/17	*0702/39/50	SSO,SBT,SSP
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*020101	*020601	*3908	*150101	*0102	*070201	SBT
5462	Turner,E.V.	*0201	*0206	*3908	*1501	*0102	*0702	SSO,SEQ,SSP
705	Watkins,Davi	*02		*3902/08/13/23/29	*150104/15/28/*9520	*01	*0702	PCR-SSP
5670	Wetmore,Mari	*02		*39	*15(B62)	*01	*07	SSP

Cell 1345 (Caucasian/Korean)

45 labs

A*24	55%
A*2402	36%
A*240201	2%
A*24020101	7%
A*24	100% TOTAL
A*68	55%
A*6801	38%
A*680101	7%
A*68	100% TOTAL

45 labs

B*49	29%
B*4901	71%
B*49	100% TOTAL
B*59	29%
B*5901	71%
B*59	100% TOTAL

43 labs

Cw*01	65%
Cw*0102	28%
Cw*010201	7%
Cw*01	100% TOTAL
Cw*07	68%
Cw*0701	30%
Cw*070101	2%
Cw*07	100% TOTAL

Cell 1346 (Caucasian)

44 labs

A*24	32%
A*2405	68%
A*24	100% TOTAL
A*30	55%
A*3001	34%
A*300101	11%
A*30	100% TOTAL

44 labs

B*13	52%
B*1302	34%
B*130201	14%
B*13	100% TOTAL
B*44	66%
B*4402	25%
B*440201	7%
B844020101	2%
B*44	100% TOTAL

42 labs

Cw*05	55%
Cw*0501	33%
Cw*050101	7%
Cw*0508	2%
Cw*05	97% TOTAL
Cw*06	60%
Cw*0602	33%
Cw*060201	7%
Cw*06	100% TOTAL

Cell 1347 (Filipino)

43 labs

A*11	56%
A*1101	32%
A*110101	12%
A*11	100% TOTAL
A*34	37%
A*3401/05	21%
A*3405	42%
A*34	100% TOTAL

43 labs

B*35	58%
B*3501/42/57	5%
B*350101/42/57	3%
B*350101/42	2%
B*3501/57	2%
B*3501	23%
B*350101	7%
B*35	100% TOTAL
B*15	49%
B*1535	51%
B*15	100% TOTAL

42 labs

Cw*07	52%
Cw*0702/50	10%
Cw*070201/50	5%
Cw*0702	26%
Cw*070201	7%
Cw*07	100% TOTAL
Cw*08	45%
Cw*0801/08	10%
Cw*0801	33%
Cw*080101	12%
Cw*08	100% TOTAL

Cell 1348 (Hispanic)

43 labs

A*02	53%
A*0201	35%
A*020101	12%
A*02	100% TOTAL
A*02	54%
A*0206	37%
A*020601	9%
A*02	100% TOTAL

43 labs

B*39	30%
B*3902/08/13/23	7%
B*3908/13	5%
B*3908	58%
B*39	100% TOTAL
B*15	60%
B*1501	30%
B*150101	5%
B*15010101	5%
B*15	100% TOTAL

42 labs

Cw*01	69%
Cw*0102	26%
Cw*010201	5%
Cw*01	100% TOTAL
Cw*07	69%
Cw*0702	24%
Cw*070201	7%
Cw*07	100% TOTAL

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	CELL NO.1345 VIABILITY %	A A A B B C C B 2 6 4 5 W W W 4 8 9 9 1 7 4	(MIXD) OTHERS	CELL NO.1346 VIABILITY %	A A A B B C C B 9 3 1 4 W W W 0 3 4 5 6 4	(CAUC) OTHERS	CELL NO.1347 VIABILITY %	A A A B B C C B 1 3 3 6 W W W 1 4 5 2 7 8 6	(FILP) OTHERS	CELL NO.1348 VIABILITY %	A A B B C C B 2 3 6 W W W 9 2 1 7 6	(HISP) OTHERS
Abbal,M. Pro	9	98	+ + + +		95	+ + + + +		95	+ + + + +		98	+ + +	
Alonso,Anton	6	???	+ + + + +	A23	???	23 + + + +		???	+ + + + + +	CW4	???	+ + + + + +	
Alvarez,Carr	3	100	+ + + + + +		100	23 + + + + +		100	+ + + + +		100	+ + + + + +	
Anthony Nola	3	99	+ + + +		99	23 + + +		99	+ + + +		99	+ +	B38
Baker,Judy	7	99	+ + + + +		99	23 + + + +		99	+ + + + +		99	+ + +	
Berka,Noured	2	98	+ + + + + + +	CW4	98	23 + + + + +		98	+ + +15 + +		98	+ 15 + + +	
Bow,Laurine	7	99	+28 + + + +		99	23 + + + + + +		98	+ + + + +		98	+ + + +	
Burger,Joe	2	99	+ + + + + + +		99	23 + + + + + +		99	+ + + + + + + +		99	+ + + + + +	
Chan MD,Soh	4	95	+ + + +	A23,B52	95	24 + + + + + +		95	+ + + + + +		95	+ 15 + + +	
Charron,D. P	4	95	+ + + + +		90	23 + + + +		100	+ + + + +		100	+ + + +	
Choo,Yoon MD	2	99	+ + + + + + +		99	23 + + + + + +		99	+ + + + + + + +		99	+ + + + +	
Claas,F.H.J.	3	90	+ + + + + +		90	24 + + + + + +		90	+ + + + + +		90	+ + + + + +	
Cooper,E. Sh	2	99	+ + + + +		99	+ + + +	B14	99	+10 + + +		99	+ + + +	
Darke,Christ	6	90	+ + + + + + +		90	+ + + + + + +	2405	90	+ + + + + + + +		90	+ + + + + +	B39S
Du Toit,Erne	10	90	+ + + + +		90	23 + + + +		90	+ + + +	A66,A26	C		
Dunckley,Hea	7	99	+28 +	B44	99	+19 + +		99	+10 + +		99	+ + +	
Dunk,Arthur	3	98	+28 + + + + +		98	23 + + + + + +		98	+ + + + + + + +		98	+ + + + + +	
Dunn,Paul Ph	8	???	+ + + + +		???	23 + + + +		???	+ + + + +		???	+ + + +	
Eckels/CPMC,	2	95	+ + + + + + +		95	24 + + + + + +		95	+ + + + + + + +		95	+ + + + + +	
Eckels/Utah,	3	99	+ + + + + + +		99	23 + + + + + +		99	+ + + + + +		99	+ + + + + +	
Esteves Kond	2	98	+ + + + + + +		98	24 + + + + + +	A24V	98	01 + + + + + + +	3401,B62V	98	+ + + + + +	B39V
Fischer,Joha	6	98	+ + + + +		98	+ + + + +		98	+ + + + +		98	+ + + +	
Fotino,Maril	1	90	+ + + + + + +	B52	90	23 + + + + + +		90	+ + + + + +		90	+ + + + +	B70
Foxcroft,Z.K	6	90	+28 + +		90	23 + + + +		90	+ + + + +	BW4	90	+ + + +	BW4
Gideoni,Osna	8	90	+28 + + + +		90	23 + + + + +		90	+ + + + +		90	+ + + + +	
Goggins,R.	3	99	+28 + + + + +		99	23 + + + + + +		99	+ + + + + +		99	+ + + + + +	
Hahn,Amy B.	3	99	+ + + + + + +		98	23 + + + + + +		100	+ + + + + + + +	B75,B76	100	+ + + + + +	
Harville,Ter	2	98	+ + + + + + +		98	23 + + + + + +		98	+ + + + + + +	A26	98	+ + + + + +	
Henrico Doct	6	99	+ + + + +		98	24 + + + +		99	+ + + + +		C		
Hirankarn MD	7	82	+ + + + +		85	+ + + + +		83	.1 + + + +		87	+ + + +	A68
Hogan,Patric	7	85	+ + + + + + +		85	23 + + + + + +		85	+ + + + + + +		85	+ + + + + +	
Holdsworth,R	8	95	+ + + + + + +		95	24 + + + +	A24V	98	+ + +15 + +	1535	95	+ + + + + +	
Hubbell,Char	2	95	+ + + + +		95	23 + + + +		95	+ + + + +		95	+ + + +	
Ichikawa MD,	13	???	+ + + + + +		???	24 + + + + +		C			???	+ + + +	
Israel,Shosh	5	90	+ + + + + + +		50	24 + + + + + +		90	+ + + + + + + +		90	+ + + + + +	
Jaramillo,An	3	98	+ + + + + +		98	23 + + + + + +		98	+ + + + + + + +		98	+ + + + + +	
Keown,Paul M	3	99	+2821 + +		99	23 + + + +		99	+10 + + +		99	+ + + +	
Kim,Kyeong-H	6	95	+ 21 + + +	B38	95	+ + + + + +		95	+ + + + + + + +		95	+ 16 + + + +	A28
Klein,Tirza	6	90	+ + + + + + +		90	24 + + + + + +		90	+ + + + + +		90	+ + + + + +	
Kvam,Vonnett	3	98	+28 + + + + +		98	23 + + + + + +		97	+ + + + + +		98	+ + + + + +	
Lardy,N.M. D	8	90	+28 + + + + +		90	23 + + + + + +		90	+ + + + +		90	+ + + + + +	
Lebeck,Laura	3	98	+28 + + + + +		98	23 + + + + + +		98	+ + + + + +		98	+ + + + + +	
Lefor,W.M. P	2	99	+ + + + + + +	A24S	99	24 + + + + + +	2405	99	+ + + + + + + +		99	+ + + + + +	B39V
Lim,Young Ae	8	90	+ + + + + + +		90	24 + + + + + +		90	+ + + + + + + +		90	+ + + + + +	
Lo,Raymundo	4	98	+ + + +		98	23 + + + +		98	+ + + + +		98	+ + + +	A23,B38
Loewenthal M	5	70	+ + + +		80	23 + + + + + +		90	+ + + + + + + +		90	+ + + + + +	
MacCann,Eile	2	98	+ + + + +		98	23 + + + +		98	+ + + + +		98	+ + + +	A24
Mah,Helen	3	98	+ + + + + + +		98	24 + + + + + +		98	+ + + + + + + +		98	+ + + + + +	
McAlack,Robe	2	97	+ + + + + + +		97	24 + + + + + +		97	+ + + + + + + +		98	+ + + + +	
McAlack-Bala	3	98	+ + + + + + +		98	23 + + + + + +		99	+ + + + + + + +		98	+ + + + +	

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	VIAB %	CELL NO.1345 A2	A6	B4	B5	C1	C7	B4	(MIXD) OTHERS	CELL NO.1346 VIAB %	A9	A3	B1	B4	C5	C6	B4	(CAUC) OTHERS	CELL NO.1347 VIAB %	A1	A4	B5	B2	C7	C8	B6	(FILP) OTHERS	CELL NO.1348 VIAB %	A2	B3	B6	C1	C7	B6	(HISP) OTHERS
McCluskey,Ja	7	90	+28	+	+	+					95	24	+	+	+	+	+			85	+	+	+15					CW4	90	+		+	+	+	+		B39V
Meyer,Pieter	16	90	+	+	+		+	+		B38	80	23	+		+	+	+		B60	60	+10	+15						75	+		15		+			
Murad,Shahna	15	C									C									C									C								
Norin,Allen	2	99	+	+	+	+		+			99	24	+	+	+		+			99	+	+	+	+		+			99	+		+	+	+		+	A28
Paik,Young K	3	95	+	+	+	+	+	+	+		95	23	+	+	+	+	+	+		95	+	+	+	+	+	+	+		95	+		+	+	+	+	+	
Pais,Maria L	8	99	+	+	+					B55	99	23	+	+	+					99	+			+				A26,B50	99	+			+				B37
Park,Myoung	6	C									90	23	+	+	+			+		82	+	+	+	+	+	+	+		82	+		+	+	+	+	+	
Permpikul,Ve	6	90	+28	+	+			+			90	23	+	+	+			+		90	01	+	+	+			+		90	+		+	+			+	
Phelan,Donna	2	95	+	+	+	+	+	+	+		99	23	+	+	+	+	+	+		99	+	+	+	+	+	+	+		99	+		+	+	+	+	+	
Pidwell,Dian	2	95	+	+	+	+	+	+	+		95	23	+	+	+	+	+	+		95	+	+	+	+	+	+	+	C704	95	+		+	+	+	+	+	
Pollack,Mari	3	99	+28	+	+	+	+	+			99	23	+	+	+	+	+	+		99	+	+	+	+	+		+		99	+		+	+	+	+	+	
Rajczy,Katal	3	95	+28	+		+	+	+			95	23	+	+	+	+	+	+		95	+	+	+	+	+		+		95	+		+	+	+	+	+	
Rosen-Bronso	2	90	+	+	+	+					90	23	+	+	+					90	+	+	+	+					90	+		+	+				B38
Rosenberg,J.	2	98	+	+	+	+	+	+	+		98	23	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+	+	+	+	
Rubocki,Rona	2	98	+	+	+	+		+			99	24	+	+	+			+		99	+	+	+	+			+		98	+		+	+			+	
Sauer,Guttwa	3	90	+	+	+	+	+	+	+		95	23	+	+	+	+	+	+		90	+	+	+	+	+	+	+		80	+		+	+	+	+	+	
Semana MD,Gi	13	90	+28	+	+			+			90	23	+	+	+			+		75	+10	+	+				+		NT								
Stamm,Luz	3	95	+	+	+	+	+	+	+		90	23	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+	+	+	+	
Tagliere,Jac	2	100	+	+	+	+	+	+	+		100	23	+	+	+	+	+	+		100	+	+	+	+	+		+		100	+		+	+	+	+	+	
Tiercy,Jean-	6	80	+28	+	+			+			90	2319	+	+				+		NT									NT								
Tilanus,Marc	7	90	+28	+	+			+			90	+	+	+	+			+		90	+	+	+	+			+		90	+		+	+			+	
Vidan-Jeras,	7	90	+	+	+		+	+	+	B5	100	2319	+	+		+	+			100	+	+	+	+	+		+		100	+		16	+	+	+	+	
Walter Reed	1	97	+28	+	+	+	+	+			97	23	+	+	+	+	+	+		97	+	+	+	+	+		+		97	+			+	+	+	+	
Ward,Osowski	5	98	+	+	+	+	+	+	+		98	23	+	+	+	+	+	+		98	+	+	+	+	+	+	+		98	+		+	+	+	+	+	
Watkins,Davi	7	80	+28	+	+			+			90	23	+	+	+	+	+	+		90	+	+	+	+			+	CW3	85	+			+			+	A24,B70
Wetmore,Mari	8	98	+28	+	+	+	+	+			98	23	+	+	+	+	+	+		98	+	+	+	+	+		+		99	+		+	+		+	+	B67
Wisecarver,J	9	98	+28	+	+			+			98	23	+	+	+			+		95	+	+	+	+			+		98	+		+	+			+	

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* *
* SUMMARY TABLE *
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(MIXD)	(CAUC)	(FILP)	(HISP)
**** CELL 1345 ****	**** CELL 1346 ****	**** CELL 1347 ****	**** CELL 1348 ****
(75 SAMPLES TYPED)	(76 SAMPLES TYPED)	(74 SAMPLES TYPED)	(72 SAMPLES TYPED)
A24 97.3%	A9 10.5%	A11 95.9%	A2 100.0%
(97.3%)	A23 68.4%	11.1 1.4%	(100.0%)
	A24 21.1%	1101 2.7%	
A68 69.3%	(100.0%)	(100.0%)	B39 76.4%
A28 28.0%			B16 2.8%
(97.3%)	A30 96.1%	A34 89.2%	(79.2%)
	A19 3.9%	A10 6.8%	
B49 96.0%	(100.0%)	(95.9%)	B62 95.8%
B21 2.7%			B15 4.2%
(98.7%)	B13 98.7%	B35 98.6%	(100.0%)
B59 85.3%	B44 98.7%	B62 94.6%	CW1 65.3%
	(98.7%)	B15 5.4%	
CW1 58.7%		(100.0%)	CW7 66.7%
	CW5 57.9%		
CW7 60.0%		CW7 59.5%	BW6 90.3%
	CW6 61.8%		
BW4 89.3%		CW8 33.8%	
	BW4 90.8%		
		BW6 90.5%	

(OTHERS FOUND)		(OTHERS FOUND)		(OTHERS FOUND)		(OTHERS FOUND)	
B38	2.7%	2405	2.6%	A26	4.1%	B39V	4.2%
A23	2.7%	A24V	2.6%	CW4	2.7%	B38	4.2%
B52	2.7%	B60	1.3%	B50	1.4%	A28	2.8%
B55	1.3%	B14	1.3%	B62V	1.4%	B70	2.8%
B5	1.3%			3401	1.4%	A24	2.8%
B44	1.3%			BW4	1.4%	BW4	2.8%
CW4	1.3%			B70	1.4%	B37	1.4%
A24S	1.3%			B76	1.4%	B67	1.4%
				B75	1.4%	B39S	1.4%
				A66	1.4%	A68	1.4%
				CW3	1.4%	A23	1.4%
				1535	1.4%		
				C704	1.4%		

*** 77 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: 02/04/2009 **********