

Institution _____	Purpose of Test _____	Taq Lot# _____
Sample I.D. _____	DNA Extraction Method _____	Lot# 003 Batch# _____
Name _____	DNA Conc. (ng/μl) _____	Expiration Date _____
Ethnic Origin _____	Tested by _____	Test Date _____
Donor/Patient _____	Reviewed by _____	Review Date _____

Cytokine	Allelic Specificity	Lane Number	Well Positions	Product Size (bp)	Internal Control Size (bp)	Positive Lanes	
IL1α	T at pos -889	1	1H,7H	220	440		
	C at pos -889	2	1G,7G	220	440		
IL1β	C at pos -511	3	1F,7F	215	440		
	T at pos -511	4	1E,7E	215	440		
	T at pos +3962	5	1D,7D	336	440		-511 +3962
	C at pos +3962	6	1C,7C	336	440		
IL1R	C at pos pst1 1970	7	1B,7B	288	440		
	T at pos pst1 1970	8	1A,7A	288	440		
IL1RA	T at pos mspa1 11100	9	2H,8H	297	440		
	C at pos mspa1 11100	10	2G,8G	297	440		
IL4Rα	G at pos +1902	11	2F,8F	143	440		
	A at pos +1902	12	2E,8E	143	440		
IL12	C at pos -1188	13	2D,8D	802	440		
	A at pos -1188	14	2C,8C	802	440		
γIFN	A at pos +874	15	2B,8B	180	440		
	T at pos +874	16	2A,8A	180	440		
TGFβ1	C at Codon 10; G at Codon 25	17	3H,9H	80	440		
	C at Codon 10; C at Codon 25	18	3G,9G	80	440		
	T at Codon 10; G at Codon 25	19	3F,9F	80	440		10
	T at Codon 10; C at Codon 25	20	3E,9E	80	440		25
	C at Codon 10	21	3D,9D	195	440		
	T at Codon 10	22	3C,9C	195	440		
TNFα	G at pos -308; G at pos -238	23	3B,9B	110	440		
	A at pos -308; G at pos -238	24	3A,9A	110	440		-308
	G at pos -308; A at pos -238	25	4H,10H	110	440		-238
	A at pos -308; A at pos -238	26	4G,10G	110	440		
IL2	T at pos -330; G at pos +166	27	4F,10F	562	89		
	G at pos -330; G at pos +166	28	4E,10E	564	89		-330
	G at pos -330; T at pos +166	29	4D,10D	569	89		+166
	T at pos -330; T at pos +166	30	4C,10C	569	89		
IL4	T at pos -1098; T at pos -590	31	4B,10B	557	89		
	T at pos -1098; C at pos -590	32	4A,10A	557	89		
	G at pos -1098; T at pos -590	33	5H,11H	557	89		-1098
	G at pos -1098; C at pos -590	34	5G,11G	557	89		-590
	T at pos -590; T at pos -33	35	5F,11F	610	89		-33
	T at pos -590; C at pos -33	36	5E,11E	610	89		
	C at pos -590; T at pos -33	37	5D,11D	610	89		
	C at pos -590; C at pos -33	38	5C,11C	610	89		
IL6	G at pos -174; G at pos nt565	39	5B,11B	427	89		
	C at pos -174; G at pos nt565	40	5A,11A	426	89		-174
	G at pos -174; A at pos nt565	41	6H,12H	428	89		nt565
	C at pos -174; A at pos nt565	42	6G,12G	428	89		
IL10	G at pos -1082; C at pos -819	43	6F,12F	305	89		
	G at pos -1082; C at pos -592	44	6E,12E	530	89		-1082
	A at pos -1082; C at pos -819	45	6D,12D	305	89		-819
	A at pos -1082; T at pos -819	46	6C,12C	305	89		-592
	A at pos -1082; C at pos -592	47	6B,12B	530	89		
	A at pos -1082; A at pos -592	48	6A,12A	530	89		



Table 1: Expected reactions for all possible TGFβ1 haplotypes. Haplotypes in bold characters are those that have been detected among caucasians.

Lane Number	TGFβ1 Mix	Polymorphism in Codon		CG	CC	TG	TC
		10	25				
17	C at Codon 10; G at Codon 25	C	G	+	-	-	-
18	C at Codon 10; C at Codon 25	C	C	-	+	-	-
19	T at Codon 10; G at Codon 25	T	G	-	-	+	-
20	T at Codon 10; C at Codon 25	T	C	-	-	-	+
21	C at Codon 10	C	*	+	+	-	-
22	T at Codon 10	T	*	-	-	+	+
High (H), Intermediate (I) or Low (L) producer				I	L	H	I?

Table 2: Expected reactions for all possible IL10 haplotypes. Haplotypes in bold characters are those that have been detected among caucasians so far.

Lane Number	IL 10 Mix	Polymorphism in Position			GCC	ACC	ATA	GCA	GTA	GTC	ACA	ATC
		-1082	-819	-592								
43	G at pos -1082; C at pos -819	G	C	*	+	-	-	+	-	-	-	-
44	G at pos -1082; C at pos -592	G	*	C	-	-	-	-	-	+	-	-
45	A at pos -1082; C at pos -819	A	C	*	-	+	-	-	-	-	+	-
46	A at pos -1082; T at pos -819	A	T	*	-	-	+	-	-	-	-	+
47	A at pos -1082; C at pos -592	A	*	C	-	+	-	-	-	-	-	+
48	A at pos -1082; A at pos -592	A	*	A	-	-	+	-	-	-	+	-
High (H), Intermediate (I) or Low (L) producer					H	I	L	H?	H?	H?	?	?

Table 3: Expected reactions for all possible TNFα haplotypes. Haplotypes in bold characters are those that have been detected among caucasians so far.

Lane Number	TNFα Mix	Polymorphism in Position		GG	AG	GA	AA
		-308	-238				
23	G at pos -308; G at pos -238	G	G	+	-	-	-
24	A at pos -308; G at pos -238	A	G	-	+	-	-
25	G at pos -308; A at pos -238	G	A	-	-	+	-
26	A at pos -308; A at pos -238	A	A	-	-	-	+
High (H), Intermediate (I) or Low (L) producer				L	H	L	H