

Ankita SAB report 1

Report Parameters

Method Type: Standard Calculation

Positive CON MFI:
21166

Negative CON MFI:
473

Antigen Adjustment:

MFI Threshold:
750

Analysis Mode:
Manual

Antibody Assignments

Specificity	% Positive	Raw Value	MFI/LRA
A*02:05	100	16058	52
A*02:02	100	14668	48
A*02:03	100	14769	48
A*02:01	100	13973	46
B*57:01	100	9834	37
A*68:02	100	10200	33
A*69:01	100	9495	31
A*68:01	100	9088	30
B*58:01	100	7357	27
B*08:01	100	6959	26

False Positives

Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
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True Positives

Specificity	Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
A*02:05	108	A*02:05	16058	52	3.90
A*02:03	107	A*02:03	14769	48	3.71
A*02:02	106	A*02:02	14668	48	3.68
A*02:01	104	A*02:01	13973	46	3.73
A*68:02	130	A*68:02	10200	33	3.43
B*57:01	174	B*57:01, Bw4	9834	37	3.64
A*69:01	131	A*69:01	9495	31	4.06
A*68:01	129	A*68:01	9088	30	3.63
B*58:01	175	B*58:01, Bw4	7357	27	3.83
B*08:01	136	B*08:01, Bw6	6959	26	3.65

Antibody Assignments: A*02:01,A*02:02,A*02:03,A*02:05,A*68:01,A*68:02,A*69:01,B*08:01,B*57:01,B*58:01

Excluded Antigens:

False Negatives

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False Negatives

Specificity	Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
None	----	----	----	----	

True Negatives

Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
176	B*59:01, Bw4	802	3	3.64
161	B*44:03, Bw4	835	3	4.13
143	B*15:12, Bw6	814	3	3.72
160	B*44:02, Bw4	705	3	3.90
198	C*17:01	719	2	3.83
181	B*82:02, Bw6	631	2	3.81
114	A*24:03, Bw4	599	2	3.93
178	B*73:01	636	2	4.05
126	A*43:01	613	2	4.03
182	C*01:02	642	1	3.54
165	B*48:01, Bw6	658	2	4.26
162	B*45:01, Bw6	606	2	3.98
120	A*31:01	626	2	4.11
179	B*78:01, Bw6	478	2	3.88
118	A*29:02	580	2	3.92
132	A*74:01	550	2	3.89
123	A*33:03	614	2	4.20
103	A*01:01	520	2	3.78
185	C*03:04	607	1	3.60
122	A*33:01	526	2	4.12
139	B*14:02, Bw6	579	2	4.46
113	A*24:02, Bw4	488	2	3.88
183	C*02:02	532	1	3.52
189	C*06:02	587	1	3.52
190	C*07:01	679	2	3.67
197	C*16:01	600	1	3.50
128	A*66:02	460	2	3.49
121	A*32:01, Bw4	459	1	3.62
186	C*04:01	597	1	3.77
116	A*26:01	433	1	3.59
184	C*03:03	552	1	3.44
199	C*18:01	565	1	3.45
180	B*81:01, Bw6	537	2	3.64
158	B*41:01, Bw6	510	2	4.15
157	B*40:02, Bw6	481	2	3.82
196	C*15:02	540	1	3.30
156	B*40:01, Bw6	475	2	3.61
172	B*55:01, Bw6	556	2	4.09
147	B*18:01, Bw6	485	2	3.74
151	B*35:01, Bw6	530	2	4.00
109	A*03:01	476	2	3.47
115	A*25:01, Bw4	488	2	3.65
125	A*36:01	442	1	4.05
135	B*07:03, Bw6	518	2	3.70

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188	C*05:01	512	1	3.63
191	C*07:02	588	1	3.63
163	B*46:01	539	2	4.78
171	B*54:01, Bw6	477	2	3.73
134	B*07:02, Bw6	543	2	4.37
119	A*30:01	448	1	4.00
195	C*14:02	521	1	3.43
144	B*15:13, Bw4	440	2	3.73
152	B*35:08, Bw6	451	2	4.10
169	B*52:01, Bw4	448	2	3.90
142	B*15:03, Bw6	425	2	3.59
138	B*14:01, Bw6	412	2	3.73
168	B*51:01, Bw4	461	2	3.98
127	A*66:01	419	1	3.57
149	B*27:05, Bw4	465	2	3.72
192	C*08:01	484	1	3.24
133	A*80:01	390	1	3.62
187	C*04:03	435	1	3.39
117	A*29:01	497	2	3.94
110	A*11:01	393	1	3.53
124	A*34:02	407	1	3.70
170	B*53:01, Bw4	389	1	3.85
173	B*56:01, Bw6	374	1	3.72
154	B*38:01, Bw4	463	2	3.83
140	B*15:01, Bw6	385	1	3.44
166	B*49:01, Bw4	432	2	3.63
137	B*13:02, Bw4	397	1	3.83
148	B*27:03, Bw4	403	2	3.50
150	B*27:08, Bw6	369	1	3.45
145	B*15:16, Bw4	380	1	3.96
194	C*12:02	456	1	3.63
193	C*08:02	476	1	3.42
164	B*47:01, Bw4	444	2	3.84
112	A*23:01, Bw4	354	1	3.58
141	B*15:02, Bw6	378	1	3.76
167	B*50:01, Bw6	420	2	3.85
153	B*37:01, Bw4	377	1	3.97
177	B*67:01, Bw6	299	1	3.49
159	B*42:01, Bw6	406	2	4.07
111	A*11:02	307	1	3.81
155	B*39:01, Bw6	321	1	3.52
146	B*15:18, Bw6	268	1	3.57

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Report Parameters

Method Type: Standard Calculation

Positive CON MFI:	Negative CON MFI:	Antigen Adjustment:	MFI Threshold:
21794	1255		750

Antibody Assignments

Specificity	% Positive	Raw Value	MFI/LRA
DPA1*02:01	100	8332	17
DPB1*17:01	100	8332	17
DPB1*09:01	100	7429	15
DPB1*14:01	100	7314	15
DPA1*02:02	100	5791	12
DPB1*13:01	100	5671	12
DPB1*19:01	100	5818	12
DPB1*28:01	100	5791	12
DRB3*02:02	100	5053	11
DPB1*11:01	100	5157	10
DPB1*03:01	100	3874	8
DPB1*06:01	100	3522	7
DPB1*15:01	100	3683	7
DQA1*05:01	100	4842	7
DQB1*02:02	100	4842	7
DQB1*02:01	100	3937	6
DQB1*06:04	100	2270	3
DQB1*05:03	100	1088	2

False Positives

Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
255	DQA1*04:01, DQB1*03:03	1154	1.66	4.79
252	DQA1*03:01, DQB1*03:02	1206	1.73	4.51
279	DPA1*01:03, DPB1*04:01	1028	2.09	4.50
284	DPA1*01:03, DPB1*04:02	1035	2.10	4.35
258	DQA1*04:01, DQB1*04:01	1021	1.47	4.23

True Positives

Specificity	Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
DPA1*02:01	296	DPA1*02:01, DPB1*17:01	8332	17	4.30

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DPB1*17:01	296	DPA1*02:01, DPB1*17:01	8332	17	4.30
DPA1*02:01	290	DPA1*02:01, DPB1*09:01	7429	15	4.36
DPB1*09:01	290	DPA1*02:01, DPB1*09:01	7429	15	4.36
DPA1*02:01	294	DPA1*02:01, DPB1*14:01	7314	15	4.25
DPB1*14:01	294	DPA1*02:01, DPB1*14:01	7314	15	4.25
DPA1*02:01	286	DPA1*02:01, DPB1*05:01	6490	13	3.96
DPA1*02:01	274	DPA1*02:01, DPB1*01:01	5904	12	4.22
DPA1*02:01	298	DPA1*02:01, DPB1*19:01	5818	12	3.55
DPB1*19:01	298	DPA1*02:01, DPB1*19:01	5818	12	3.55
DPA1*02:02	299	DPA1*02:02, DPB1*28:01	5791	12	4.41
DPB1*28:01	299	DPA1*02:02, DPB1*28:01	5791	12	4.41
DPA1*02:01	292	DPA1*02:01, DPB1*13:01	5671	12	4.10
DPB1*13:01	292	DPA1*02:01, DPB1*13:01	5671	12	4.10
DPA1*02:02	275	DPA1*02:02, DPB1*01:01	5429	11	4.38
DPA1*02:02	287	DPA1*02:02, DPB1*05:01	5423	11	4.45
DPA1*02:01	280	DPA1*02:01, DPB1*04:01	5407	11	4.33
DPA1*02:01	291	DPA1*02:01, DPB1*11:01	5157	10	3.96
DPB1*11:01	291	DPA1*02:01, DPB1*11:01	5157	10	3.96
DRB3*02:02	237	DRB3*02:02	5053	11	4.47
DQA1*05:01	246	DQA1*05:01, DQB1*02:02	4842	7	4.22
DQB1*02:02	246	DQA1*05:01, DQB1*02:02	4842	7	4.22
DPA1*02:02	281	DPA1*02:02, DPB1*04:01	4835	10	4.28
DQB1*02:02	244	DQA1*02:01, DQB1*02:02	4410	6	3.80
DQB1*02:02	245	DQA1*03:02, DQB1*02:02	4020	6	3.97
DQB1*02:01	242	DQA1*02:01, DQB1*02:01	3937	6	3.79
DPB1*03:01	278	DPA1*01:03, DPB1*03:01	3874	8	4.10
DQA1*05:01	243	DQA1*05:01, DQB1*02:01	3701	5	4.07
DQB1*02:01	243	DQA1*05:01, DQB1*02:01	3701	5	4.07
DPA1*02:01	295	DPA1*02:01, DPB1*15:01	3683	7	4.54
DPB1*15:01	295	DPA1*02:01, DPB1*15:01	3683	7	4.54
DPB1*06:01	289	DPA1*01:03, DPB1*06:01	3522	7	3.95
DQB1*06:04	272	DQA1*01:02, DQB1*06:04	2270	3	5.70
DPB1*13:01	293	DPA1*04:01, DPB1*13:01	1502	3	3.87
DQB1*05:03	266	DQA1*01:04, DQB1*05:03	1088	2	4.21
DQA1*05:01	259	DQA1*05:01, DQB1*04:01	1039	1	4.60
DQA1*05:01	249	DQA1*05:01, DQB1*03:01	1019	1	4.30

Antibody Assignments: DPA1*02:01,DPA1*02:02,DPB1*03:01,DPB1*06:01,DPB1*09:01,DPB1*11:01,DPB1*13:01,DPB1*14:01,DPB1*15:01,DPB1*17:01,DPB1*19:01,DPB1*28:01,DQA1*05:01,DQB1*02:01,DQB1*02:02,DQB1*05:03,DQB1*06:04,DRB3*02:02

Excluded Antigens:

False Negatives

Specificity	Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
None	----	----	----	----	

True Negatives

Bead	Bead Antigens	Raw Value	MFI/LRA	Cut-off
233	DRB1*15:03	962	2	4.27
230	DRB1*14:04	952	2	4.36
216	DRB1*08:01	910	2	4.83
250	DQA1*06:01, DQB1*03:01	963	1	4.20
263	DQA1*01:01, DQB1*05:01	942	1	4.41

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283	DPA1*04:01, DPB1*04:01	906	2	4.13
253	DQA1*03:02, DQB1*03:02	929	1	4.25
207	DRB1*03:01	888	2	4.47
257	DQA1*02:01, DQB1*04:01	916	1	4.04
277	DPA1*01:03, DPB1*02:01	883	2	4.44
285	DPA1*03:01, DPB1*04:02	852	2	4.01
227	DRB1*13:05	948	2	4.61
234	DRB1*16:01	884	2	4.03
297	DPA1*01:03, DPB1*18:01	906	2	4.04
260	DQA1*03:01, DQB1*04:02	871	1	4.29
214	DRB1*04:05	873	2	4.34
254	DQA1*03:02, DQB1*03:03	838	1	4.51
208	DRB1*03:02	860	2	4.53
256	DQA1*06:01, DQB1*03:03	858	1	4.09
248	DQA1*03:02, DQB1*03:01	788	1	4.14
229	DRB1*14:03	742	2	4.37
209	DRB1*03:03	769	2	4.39
265	DQA1*01:02, DQB1*05:02	826	1	3.95
282	DPA1*03:01, DPB1*04:01	820	2	4.39
226	DRB1*13:03	830	2	4.04
251	DQA1*02:01, DQB1*03:02	752	1	4.56
247	DQA1*03:01, DQB1*03:01	800	1	4.31
225	DRB1*13:01	787	2	5.27
261	DQA1*04:01, DQB1*04:02	772	1	4.40
264	DQA1*01:02, DQB1*05:01	762	1	3.97
271	DQA1*01:03, DQB1*06:03	765	1	3.93
203	DRB1*01:01	756	2	4.26
267	DQA1*01:03, DQB1*06:01	741	1	3.86
211	DRB1*04:02	756	2	3.99
240	DRB5*01:01	778	2	4.48
231	DRB1*15:01	718	2	3.89
262	DQA1*06:01, DQB1*04:02	748	1	4.04
270	DQA1*01:02, DQB1*06:02	724	1	4.00
239	DRB4*01:01	724	2	5.71
210	DRB1*04:01	732	2	4.14
269	DQA1*02:01, DQB1*06:01	739	1	3.76
212	DRB1*04:03	752	2	4.67
215	DRB1*07:01	690	1	4.06
273	DPA1*01:03, DPB1*01:01	712	1	4.18
220	DRB1*11:01	647	1	3.85
241	DRB5*02:02	634	1	4.08
238	DRB3*03:01	645	1	4.31
268	DQA1*01:04, DQB1*06:01	697	1	3.79
206	DRB1*01:03	609	1	4.02
232	DRB1*15:02	594	1	4.31
276	DPA1*03:01, DPB1*01:01	615	1	3.87
236	DRB3*01:01	616	1	4.15
221	DRB1*11:03	595	1	4.16
218	DRB1*09:01	606	1	3.88
224	DRB1*12:02	700	2	4.06
217	DRB1*08:02	563	1	4.18
223	DRB1*12:01	615	1	4.51
222	DRB1*11:04	567	1	4.03
219	DRB1*10:01	511	1	3.73
288	DPA1*03:01, DPB1*05:01	492	1	3.96
228	DRB1*14:01	525	1	3.93
204	DRB1*01:02	513	1	3.97
213	DRB1*04:04	466	1	4.06
235	DRB1*16:02	617	1	4.11