آزمایشگاه تشخیص پزشکی یکتا

Yekta Medical Diagnostic Laboratory

Luminex Single Antigen Bead Anti-HLA Class I Assay

Single-Ag-Class-I-IgG

نام خانوادگی :	زارع	نام :	معصومه	کد ملی :	2298766428
تاریخ پذیرش :	1403-07-19	شماره پذیرش :	072281	پزشک :	نمونه ارسالی
گروه خونی :	O+	جنس :	زن	سن :	41
مرکز درمانی :	آزمایشگاه پاستور شیراز	سابقه پیوند :	کاندید پیوند اول	نسبت :	گیرنده پیوند
سابقه تزریق خون :	منفی	تعداد سقط :	2	تعداد بارداری :	5

Reactive Antigens

High Risk Antigens (MFI>1700)	A*02:01-A*02:02-A*02:03-A*02:05-A*68:01-A*68:02-A*69:01-B*15:12-B*44:02-B*44:03-B*45:01-B*57:01-B*58:01-B*82:02-

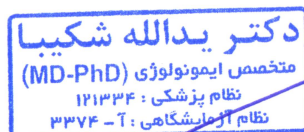| Moderate Risk Antigens (MFI>750 and <1700)	B*40:01-

Claculated PRA (cPRA) %	Calculated class I and II PRA: 99%. Low chance to find a DSA negative donor. HLA typing of potential donors and virtual cross matching is recommended.

Yekta Lab Molecular Department and HLA Typing

www.yektalab.ir

دکتر یدالله شکیبا
متخصص ایمونولوژی (MD-PhD)
نظام پزشکی : ۱۲۱۳۳۴
نظام آزمایشگاهی : ۶ ــ ۳۳۷۴

آدرس: تهران-خیابان دکتر قریب-نبش خیابان قدر-پلاک 124 -تلفن:02166932624

Address : No. 124, Ghadr Alley , Dr. Gharib Street, Tehran, Iran. Telephone : 02166932624

Allele	MFI	Risk Level	Allele Acceptance	Antigen	Antigen Acceptance	DS Success Rate
A*01:01	164	Low Risk	Acceptable	A*01	Acceptable	No Need
A*02:01	9257	High Risk	Unacceptable	A*02	Unacceptable	Low Chance
A*02:02	10120	High Risk	Unacceptable			Low Chance
A*02:03	10055	High Risk	Unacceptable			Low Chance
A*02:05	10752	High Risk	Unacceptable			Low Chance
A*03:01	179	Low Risk	Acceptable	A*03	Acceptable	No Need
A*11:01	121	Low Risk	Acceptable	A*11	Acceptable	No Need
A*11:02	222	Low Risk	Acceptable			No Need
A*23:01	150	Low Risk	Acceptable	A*23	Acceptable	No Need
A*24:02	203	Low Risk	Acceptable	A*24	Acceptable	No Need
A*24:03	224	Low Risk	Acceptable			No Need
A*25:01	143	Low Risk	Acceptable	A*25	Acceptable	No Need
A*26:01	115	Low Risk	Acceptable	A*26	Acceptable	No Need
A*29:01	172	Low Risk	Acceptable	A*29	Acceptable	No Need
A*29:02	176	Low Risk	Acceptable			No Need
A*30:01	194	Low Risk	Acceptable	A*30	Acceptable	No Need
A*31:01	227	Low Risk	Acceptable	A*31	Acceptable	No Need
A*32:01	243	Low Risk	Acceptable	A*32	Acceptable	No Need
A*33:01	259	Low Risk	Acceptable	A*33	Acceptable	No Need
A*33:03	197	Low Risk	Acceptable			No Need
A*34:02	187	Low Risk	Acceptable	A*34	Acceptable	No Need
A*36:01	178	Low Risk	Acceptable	A*36	Acceptable	No Need
A*43:01	227	Low Risk	Acceptable	A*43	Acceptable	No Need
A*66:01	142	Low Risk	Acceptable	A*66	Acceptable	No Need
A*66:02	113	Low Risk	Acceptable			No Need
A*68:01	6653	High Risk	Unacceptable	A*68	Unacceptable	Low Chance
A*68:02	5920	High Risk	Unacceptable			Low Chance
A*69:01	8655	High Risk	Unacceptable	A*69	Unacceptable	Low Chance
A*74:01	205	Low Risk	Acceptable	A*74	Acceptable	No Need
A*80:01	165	Low Risk	Acceptable	A*80	Acceptable	No Need
B*07:02	167	Low Risk	Acceptable	B*07	Acceptable	No Need
B*07:03	191	Low Risk	Acceptable			No Need
B*08:01	115	Low Risk	Acceptable	B*08	Acceptable	No Need
B*13:02	506	Low Risk	Acceptable	B*13	Acceptable	No Need
B*14:01	180	Low Risk	Acceptable	B*14	Acceptable	No Need
B*14:02	326	Low Risk	Acceptable			No Need
B*15:01	142	Low Risk	Acceptable	B*15	Unacceptable	No Need
B*15:02	185	Low Risk	Acceptable			No Need
B*15:03	152	Low Risk	Acceptable			No Need
B*15:12	4267	High Risk	Unacceptable			Low Chance
B*15:13	189	Low Risk	Acceptable			No Need
B*15:16	230	Low Risk	Acceptable			No Need
B*15:18	125	Low Risk	Acceptable			No Need
B*18:01	146	Low Risk	Acceptable	B*18	Acceptable	No Need
B*27:03	129	Low Risk	Acceptable	B*27	Acceptable	No Need
B*27:05	140	Low Risk	Acceptable			No Need
B*27:08	100	Low Risk	Acceptable			No Need

Allele	MFI	Risk Level	Allele Acceptance	Antigen	Antigen Acceptance	DS Success Rate
B*35:01	196	Low Risk	Acceptable	B*35	Acceptable	No Need
B*35:08	206	Low Risk	Acceptable			No Need
B*37:01	200	Low Risk	Acceptable	B*37	Acceptable	No Need
B*38:01	172	Low Risk	Acceptable	B*38	Acceptable	No Need
B*39:01	202	Low Risk	Acceptable	B*39	Acceptable	No Need
B*40:01	1040	Moderate Risk	Conditional	B*40	Conditional	High Chance
B*40:02	440	Low Risk	Acceptable			No Need
B*41:01	603	Low Risk	Acceptable	B*41	Acceptable	No Need
B*42:01	203	Low Risk	Acceptable	B*42	Acceptable	No Need
B*44:02	4464	High Risk	Unacceptable	B*44	Unacceptable	Low Chance
B*44:03	4176	High Risk	Unacceptable			Low Chance
B*45:01	4383	High Risk	Unacceptable	B*45	Unacceptable	Low Chance
B*46:01	355	Low Risk	Acceptable	B*46	Acceptable	No Need
B*47:01	520	Low Risk	Acceptable	B*47	Acceptable	No Need
B*48:01	498	Low Risk	Acceptable	B*48	Acceptable	No Need
B*49:01	576	Low Risk	Acceptable	B*49	Acceptable	No Need
B*50:01	519	Low Risk	Acceptable	B*50	Acceptable	No Need
B*51:01	179	Low Risk	Acceptable	B*51	Acceptable	No Need
B*52:01	224	Low Risk	Acceptable	B*52	Acceptable	No Need
B*53:01	179	Low Risk	Acceptable	B*53	Acceptable	No Need
B*54:01	198	Low Risk	Acceptable	B*54	Acceptable	No Need
B*55:01	247	Low Risk	Acceptable	B*55	Acceptable	No Need
B*56:01	196	Low Risk	Acceptable	B*56	Acceptable	No Need
B*57:01	2165	High Risk	Unacceptable	B*57	Unacceptable	Moderate Chance
B*58:01	2014	High Risk	Unacceptable	B*58	Unacceptable	Moderate Chance
B*59:01	158	Low Risk	Acceptable	B*59	Acceptable	No Need
B*67:01	145	Low Risk	Acceptable	B*67	Acceptable	No Need
B*73:01	228	Low Risk	Acceptable	B*73	Acceptable	No Need
B*78:01	188	Low Risk	Acceptable	B*78	Acceptable	No Need
B*81:01	227	Low Risk	Acceptable	B*81	Acceptable	No Need
B*82:02	4209	High Risk	Unacceptable	B*82	Unacceptable	Low Chance
C*01:02	288	Low Risk	Acceptable	C*01	Acceptable	No Need
C*02:02	394	Low Risk	Acceptable	C*02	Acceptable	No Need
C*03:03	380	Low Risk	Acceptable	C*03	Acceptable	No Need
C*03:04	308	Low Risk	Acceptable			No Need
C*04:01	461	Low Risk	Acceptable	C*04	Acceptable	No Need
C*04:03	365	Low Risk	Acceptable			No Need
C*05:01	444	Low Risk	Acceptable	C*05	Acceptable	No Need
C*06:02	246	Low Risk	Acceptable	C*06	Acceptable	No Need
C*07:01	403	Low Risk	Acceptable	C*07	Acceptable	No Need
C*07:02	484	Low Risk	Acceptable			No Need
C*08:01	252	Low Risk	Acceptable	C*08	Acceptable	No Need
C*08:02	313	Low Risk	Acceptable			No Need
C*12:02	358	Low Risk	Acceptable	C*12	Acceptable	No Need
C*14:02	267	Low Risk	Acceptable	C*14	Acceptable	No Need
C*15:02	315	Low Risk	Acceptable	C*15	Acceptable	No Need
C*16:01	320	Low Risk	Acceptable	C*16	Acceptable	No Need

C*17:01	684	Low Risk	Acceptable	C*17	Acceptable	No Need
C*18:01	405	Low Risk	Acceptable	C*18	Acceptable	No Need

Acceptable Antigens (MFI<=600)

A*01:01-A*03:01-A*11:01-A*11:02-A*23:01-A*24:02-A*24:03-A*25:01-A*26:01-A*29:01-A*29:02-A*30:01-A*31:01-A*32:01-A*33:01-A*33:03-A*34:02-A*36:01-A*43:01-A*66:01-A*66:02-A*74:01-A*80:01-B*07:02-B*07:03-B*08:01-B*13:02-B*14:01-B*14:02-B*15:01-B*15:02-B*15:03-B*15:13-B*15:16-B*15:18-B*18:01-B*27:03-B*27:05-B*27:08-B*35:01-B*35:08-B*37:01-B*38:01-B*39:01-B*40:02-B*41:01-B*42:01-B*46:01-B*47:01-B*48:01-B*49:01-B*50:01-B*51:01-B*52:01-B*53:01-B*54:01-B*55:01-B*56:01-B*59:01-B*67:01-B*73:01-B*78:01-B*81:01-C*01:02-C*02:02-C*03:03-C*03:04-C*04:01-C*04:03-C*05:01-C*06:02-C*07:01-C*07:02-C*08:01-C*08:02-C*12:02-C*14:02-C*15:02-C*16:01-C*17:01-C*18:01-

Candidate Antigens for DS (MFI>700 <3000)

B*40:01-B*57:01-B*58:01-

اطلاعات مربوط به‌حساسیت زدایی آنتی ژن های HLA بر اساس MFI و بررسی های آزمایشگاهی بوده و اندیکاسیون‌ها و مداخلات درمانی نمی باشد.

*** با توجه به‌حساسیت و اختصاصیت روش لومینکس امکان وجود نتایج مثبت‌کاذب و منفی‌کاذب وجود دارد. ***

*** توصیه به بررسی مقایسه ای نتایج این گزارش با شرح‌حال و آزمایشات گذشته بیمار می شود. ***

CREG	Antigens Included																							
A1C	A1	A3	A11	A19 (A29, A30, A31)	A36	A80																		
A2	A2	A9 (A23, A24)	A28 (A68, A69)	B17 (B57, B58)																				
A10C	A10 (A25, A26, A34, A66)	A32	A33	A43	A74																			
BW4	A9 (A23, A24)	A25	A32	B13	B27	B37	B38	B44	B47	B49	B51	B52	B53	B57	B58	B59	B63	B67						
B5C	B5 (B51, B52)	B18	B35	53																				
B5C2	B5 (B51, B52)	B15 (B62, B63, B71, B72, B75, B76, B77)	B17 (B57, B58)	B21 (B49, B50)	35	53	73	78																
BW6	B7	B8	B14	B18	B35	B39	B40(B60, B61)	41	42	45	46	48	50	54	55	56	62	64	65	67	71	72	73	75	76
B7C	B7	B8	B13	B27	41	42	47	48	54	55	56	60	61	81										
B8C	B8	B18	B38	B39	B64	B65																		
B12C	B12 (B44, B45)	B13	B37	B41	B47	B21 (B49, B50)	B40	B60	B61															