Luminex Single Antigen Bead Anti-HLA Class II Assay

Single-Ag-Class-II-IgG

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

Reactive Antigens

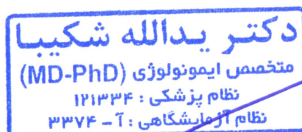|	
High Risk Antigens (MFI>1700)	DRB1*01:01-DRB1*01:02-DRB1*01:03- DRB1*03:01-DRB1*03:02-DRB1*03:03-DRB1*04:01-DRB1*04:02-DRB1*04:03-DRB1*04:04-DRB1*04:05-DRB1*07:01-DRB1*08:01-DRB1*08:02-DRB1*09:01-DRB1*10:01-DRB1*12:01-DRB1*12:02-DRB1*13:01-DRB1*13:03-DRB1*13:05-DRB1*14:01-DRB1*14:03-DRB1*14:04-DRB1*15:01-DRB1*15:02-DRB1*15:03-DRB1*16:01-DRB1*16:02-DRB3*01:01-DRB3*03:01-DRB5*01:01-DRB5*02:02-DQB1*04:01-DQB1*04:02-DQB1*05:01-DQB1*05:02-DQB1*05:03-DQB1*06:01-DQB1*06:02-DQB1*06:03-DQB1*06:04-DQA1*01:01-DQA1*01:02-DQA1*01:03-DQA1*01:04-DQA1*04:01-DQA1*06:01-DPB1*01:01-DPB1*03:01-DPB1*04:01-DPB1*05:01-DPB1*06:01-DPB1*09:01-
Moderate Risk Antigens (MFI>750 and <1700)	DPB1*11:01-DPB1*13:01-DPB1*14:01-DPB1*15:01-DPB1*17:01-DPB1*19:01-DPB1*28:01-DPA1*02:01-DPA1*02:02-DPA1*04:01-
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.

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Allele	MFI	Risk Level	Allele Acceptance	Antigen	Antigen Acceptance	DS Success Rate
DRB1*01:01	4845	High Risk	Unacceptable	DRB1*01	Unacceptable	Low Chance
DRB1*01:02	4945	High Risk	Unacceptable			Low Chance
DRB1*01:03	6745	High Risk	Unacceptable			Low Chance
DRB1*03:01	9548	High Risk	Unacceptable	DRB1*03	Unacceptable	Low Chance
DRB1*03:02	7276	High Risk	Unacceptable			Low Chance
DRB1*03:03	7739	High Risk	Unacceptable			Low Chance
DRB1*04:01	2940	High Risk	Unacceptable	DRB1*04	Unacceptable	Moderate Chance
DRB1*04:02	2783	High Risk	Unacceptable			Moderate Chance
DRB1*04:03	2624	High Risk	Unacceptable			Moderate Chance
DRB1*04:04	2466	High Risk	Unacceptable			Moderate Chance
DRB1*04:05	2339	High Risk	Unacceptable			Moderate Chance
DRB1*07:01	3472	High Risk	Unacceptable	DRB1*07	Unacceptable	Low Chance
DRB1*08:01	6728	High Risk	Unacceptable	DRB1*08	Unacceptable	Low Chance
DRB1*08:02	7244	High Risk	Unacceptable			Low Chance
DRB1*09:01	5954	High Risk	Unacceptable	DRB1*09	Unacceptable	Low Chance
DRB1*10:01	2138	High Risk	Unacceptable	DRB1*10	Unacceptable	Moderate Chance
DRB1*11:01	411	Low Risk	Acceptable	DRB1*11	Acceptable	No Need
DRB1*11:03	526	Low Risk	Acceptable			No Need
DRB1*11:04	460	Low Risk	Acceptable			No Need
DRB1*12:01	6218	High Risk	Unacceptable	DRB1*12	Unacceptable	Low Chance
DRB1*12:02	11846	High Risk	Unacceptable			Low Chance
DRB1*13:01	10321	High Risk	Unacceptable	DRB1*13	Unacceptable	Low Chance
DRB1*13:03	5501	High Risk	Unacceptable			Low Chance
DRB1*13:05	9616	High Risk	Unacceptable			Low Chance
DRB1*14:01	3932	High Risk	Unacceptable	DRB1*14	Unacceptable	Low Chance
DRB1*14:03	8202	High Risk	Unacceptable			Low Chance
DRB1*14:04	4156	High Risk	Unacceptable			Low Chance
DRB1*15:01	4949	High Risk	Unacceptable	DRB1*15	Unacceptable	Low Chance
DRB1*15:02	5989	High Risk	Unacceptable			Low Chance
DRB1*15:03	5525	High Risk	Unacceptable			Low Chance
DRB1*16:01	5609	High Risk	Unacceptable	DRB1*16	Unacceptable	Low Chance
DRB1*16:02	4197	High Risk	Unacceptable			Low Chance
DRB3*01:01	4105	High Risk	Unacceptable	DRB3	Unacceptable	Low Chance
DRB3*02:02	749	Low Risk	Acceptable			No Need
DRB3*03:01	2874	High Risk	Unacceptable			Moderate Chance
DRB4*01:01	542	Low Risk	Acceptable	DRB4	Acceptable	No Need
DRB5*01:01	10418	High Risk	Unacceptable	DRB5	Unacceptable	Low Chance
DRB5*02:02	5644	High Risk	Unacceptable			Low Chance
DQB1*02:01	468	Low Risk	Acceptable	DQB1*02	Acceptable	No Need
DQB1*02:02	479	Low Risk	Acceptable			No Need
DQB1*03:01	487	Low Risk	Acceptable	DQ7	Acceptable	No Need
DQB1*03:02	564	Low Risk	Acceptable	DQ8	Acceptable	No Need
DQB1*03:03	723	Low Risk	Acceptable	DQ9	Acceptable	No Need
DQB1*04:01	7295	High Risk	Unacceptable	DQB1*04	Unacceptable	Low Chance
DQB1*04:02	5857	High Risk	Unacceptable			Low Chance
DQB1*05:01	8076	High Risk	Unacceptable	DQB1*05	Unacceptable	Low Chance
DQB1*05:02	9750	High Risk	Unacceptable			Low Chance
DQB1*05:03	7590	High Risk	Unacceptable			Low Chance

Allele	MFI	Risk Level	Allele Acceptance	Antigen	Antigen Acceptance	DS Success Rate
DQB1*06:01	7238	High Risk	Unacceptable	DQB1*06	Unacceptable	Low Chance
DQB1*06:02	8461	High Risk	Unacceptable			Low Chance
DQB1*06:03	10607	High Risk	Unacceptable			Low Chance
DQB1*06:04	10475	High Risk	Unacceptable			Low Chance
DQA1*01:01	6419	High Risk	Unacceptable	DQA1*01	Unacceptable	Low Chance
DQA1*01:02	9750	High Risk	Unacceptable			Low Chance
DQA1*01:03	10607	High Risk	Unacceptable			Low Chance
DQA1*01:04	7590	High Risk	Unacceptable			Low Chance
DQA1*02:01	479	Low Risk	Acceptable	DQA1*02	Acceptable	No Need
DQA1*03:01	484	Low Risk	Acceptable	DQA1*03	Acceptable	No Need
DQA1*03:02	519	Low Risk	Acceptable			No Need
DQA1*04:01	7295	High Risk	Unacceptable	DQA1*04	Unacceptable	Low Chance
DQA1*05:01	468	Low Risk	Acceptable	DQA1*05	Acceptable	No Need
DQA1*06:01	5109	High Risk	Unacceptable	DQA1*06	Unacceptable	Low Chance
DPB1*01:01	10109	High Risk	Unacceptable	DPB1*01	Unacceptable	Low Chance
DPB1*02:01	322	Low Risk	Acceptable	DPB1*02	Acceptable	No Need
DPB1*03:01	3730	High Risk	Unacceptable	DPB1*03	Unacceptable	Low Chance
DPB1*04:01	5985	High Risk	Unacceptable	DPB1*04	Unacceptable	Low Chance
DPB1*04:02	252	Low Risk	Acceptable			No Need
DPB1*05:01	8706	High Risk	Unacceptable	DPB1*05	Unacceptable	Low Chance
DPB1*06:01	3065	High Risk	Unacceptable	DPB1*06	Unacceptable	Low Chance
DPB1*09:01	4372	High Risk	Unacceptable	DPB1*09	Unacceptable	Low Chance
DPB1*11:01	7261	High Risk	Unacceptable	DPB1*11	Unacceptable	Low Chance
DPB1*13:01	9796	High Risk	Unacceptable	DPB1*13	Unacceptable	Low Chance
DPB1*14:01	4234	High Risk	Unacceptable	DPB1*14	Unacceptable	Low Chance
DPB1*15:01	5823	High Risk	Unacceptable	DPB1*15	Unacceptable	Low Chance
DPB1*17:01	4213	High Risk	Unacceptable	DPB1*17	Unacceptable	Low Chance
DPB1*18:01	519	Low Risk	Acceptable	DPB1*18	Acceptable	No Need
DPB1*19:01	7016	High Risk	Unacceptable	DPB1*19	Unacceptable	Low Chance
DPB1*28:01	1859	High Risk	Unacceptable	DPB1*28	Unacceptable	Moderate Chance
DPA1*01:03	252	Low Risk	Acceptable	DPA1*01	Acceptable	No Need
DPA1*02:01	10109	High Risk	Unacceptable	DPA1*02	Unacceptable	Low Chance
DPA1*02:02	9503	High Risk	Unacceptable			Low Chance
DPA1*03:01	548	Low Risk	Acceptable	DPA1*03	Acceptable	No Need
DPA1*04:01	8542	High Risk	Unacceptable	DPA1*04	Unacceptable	Low Chance

Acceptable Antigens (MFI<=600)	DRB1*11:01-DRB1*11:03-DRB1*11:04-DRB3*02:02-DRB4*01:01-DQB1*02:01-DQB1*02:02-DQB1*03:01-DQB1*03:02-DQB1*03:03-DQA1*02:01-DQA1*03:01-DQA1*03:02-DQA1*05:01-DPB1*02:01-DPB1*04:02-DPB1*18:01-DPA1*01:03-DPA1*03:01-
Candidate Antigens for DS (MFI>700 <3000)	DRB1*04:01-DRB1*04:02-DRB1*04:03-DRB1*04:04-DRB1*04:05-DRB1*10:01-DRB3*03:01-DPB1*28:01-

اطلاعات مربوط به‌حساسیت زدایی آنتی ژن‌های HLA بر اساس MFI و بررسی‌های آزمایشگاهی بوده و اندیکاسیون‌مداخلات 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 آزمایشات‌گذشته بیمار می شود. ***