

National Marrow Donor Program
HLA-B Search Determinants for Alleles Contained in the
July 2003 release, version 2.2.0, of the IMGT/HLA Sequence Database

HLA Allele	Single or Multiple Search Determinant Assignment
B*070201	07
B*070202	07
B*070203	07
B*070204	07
B*0703	07
B*0704	07
B*0705	07
B*0706	07
B*0707	07
B*0708	07
B*0709	07
B*0710	07
B*0711	07
B*0712	07
B*0713	07
B*0714	07
B*0715	07
B*0716	07
B*0717	07
B*0718	07
B*0719	07/42*
B*0720	07
B*0721	07
B*0722	07
B*0723	07
B*0724	07
B*0725	07
B*0726	07
B*0727	07
B*0728	07
B*0729	07
B*0730	07
B*0731	07
B*0732	07
B*0733	07
B*0734	07
B*0801	08
B*0802	08
B*0803	08
B*0804	08
B*0805	08
B*0806	08
B*0807	08
B*0808N	<blank>**
B*0809	08
B*0810	08
B*0811	08
B*0812	08
B*0813	08
B*0814	08

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HLA Allele	Single or Multiple Search Determinant Assignment
B*0815	08
B*0816	08
B*0817	08
B*0818	08
B*0819N	<blank>
B*0820	08
B*0821	08
B*1301	13
B*1302	13
B*1303	13/21
B*1304	13/21
B*1306	13
B*1307N	<blank>
B*1308	13
B*1309	13
B*1310	13
B*1311	13
B*1401	14
B*1402	14
B*1403	14
B*1404	14
B*1405	14
B*140601	14
B*140602	14
B*15010101	62
B*15010102N	<blank>
B*150102	62
B*150103	62
B*150104	62
B*1502	75
B*1503	70
B*1504	62
B*1505	62
B*1506	62
B*1507	62
B*1508	62/75
B*1509	70
B*1510	70
B*151101	62/75
B*151102	62/75
B*1512	62/76
B*1513	77
B*1514	62/76
B*1515	62/75
B*1516	63
B*15170101	63
B*15170102	63
B*1518	70
B*1519	62/76
B*1520	62

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HLA Allele	Single or Multiple Search Determinant Assignment
B*1521	75
B*1523	70
B*1524	62
B*1525	62
B*1526N	<blank>
B*1527	62
B*1528	62
B*1529	70
B*1530	62
B*1531	62/75
B*1532	62
B*1533	62
B*1534	62
B*1535	62
B*1536	13/62/77
B*1537	70
B*1538	62
B*1539	62
B*1540	62
B*1542	62
B*1543	62
B*1544	75
B*1545	62
B*1546	70
B*1547	70
B*1548	62
B*1549	70
B*1550	62
B*1551	70
B*1552	70
B*1553	70
B*1554	70
B*1555	75
B*1556	62
B*1557	62
B*1558	62
B*1560	62
B*1561	70
B*1562	70
B*1563	62
B*1564	70
B*1565	62
B*1566	62
B*1567	63
B*1568	70
B*1569	70
B*1570	62
B*1571	62
B*1572	70
B*1573	62

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HLA Allele	Single or Multiple Search Determinant Assignment
B*1574	70
B*1575	62
B*1576	15
B*1577	62
B*1578	62
B*1579N	<blank>
B*180101	18
B*180102	18
B*1802	18
B*1803	18
B*1804	18
B*1805	18
B*1806	18
B*1807	18
B*1808	18
B*1809	18
B*1810	18
B*1811	18
B*1812	18
B*1813	18
B*1814	18
B*1815	18
B*1817N	<blank>
B*1818	18
B*2701	27
B*2702	27
B*2703	27
B*2704	27
B*270502	27
B*270503	27
B*270504	27
B*2706	27
B*2707	27
B*2708	07/27
B*2709	27
B*2710	27
B*2711	27
B*2712	27/40
B*2713	27
B*2714	27
B*2715	27
B*2716	27
B*2717	27
B*2718	27
B*2719	27
B*2720	27
B*2721	27
B*2723	27
B*2724	27
B*2725	27

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HLA Allele	Single or Multiple Search Determinant Assignment
B*350101	35
B*350102	35
B*3502	35
B*3503	35
B*3504	35
B*3505	35
B*3506	35
B*3507	35
B*3508	35
B*350901	35
B*350902	35
B*3510	35
B*3511	35
B*3512	35
B*3513	35
B*351401	35
B*351402	35
B*3515	35
B*3516	35
B*3517	35
B*3518	35
B*3519	35
B*3520	35
B*3521	35
B*3522	35
B*3523	35
B*3524	35
B*3525	35
B*3526	35
B*3527	35
B*3528	35
B*3529	35
B*3530	35
B*3531	35
B*3532	35
B*3533	35
B*3534	35
B*3535	35
B*3536	35
B*3537	35
B*3538	35
B*3539	35
B*3540N	<blank>
B*3541	35
B*3542	35
B*3543	35
B*3544	35
B*3545	35
B*3546	35
B*3701	37

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HLA Allele	Single or Multiple Search Determinant Assignment
B*3702	37
B*3703N	<blank>
B*3704	37
B*3705	37
B*3801	38
B*380201	38
B*380202	38
B*3803	16
B*3804	38
B*3805	38
B*3806	38
B*3807	38
B*3808	38
B*3809	38
B*390101	39
B*390103	39
B*390104	39
B*390201	39
B*390202	39
B*3903	39
B*3904	39
B*3905	39
B*390601	39
B*390602	39
B*3907	39
B*3908	39
B*3909	39
B*3910	39
B*3911	39
B*3912	39
B*3913	39
B*3914	39
B*3915	39
B*3916	39
B*3917	39
B*3918	39
B*3919	39
B*3920	39
B*3922	39
B*3923	39
B*3924	39
B*3925N	<blank>
B*3926	39
B*3927	39
B*400101	60
B*400102	60
B*400103	60
B*4002	61
B*4003	61
B*4004	61

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HLA Allele	Single or Multiple Search Determinant Assignment
B*4005	40/50
B*40060101	61
B*40060102	61
B*4007	60
B*4008	61
B*4009	61
B*4010	60
B*4011	61
B*4012	48/60/70
B*4013	40
B*401401	40
B*401402	40
B*4015	40
B*4016	40
B*4018	61
B*4019	40
B*4020	61
B*4021	15/40/48
B*4022N	<blank>
B*4023	40
B*4024	61
B*4025	60
B*4026	40
B*4027	61
B*4028	40/50
B*4029	61
B*4030	60
B*4031	60
B*4032	40
B*4033	60
B*4034	60
B*4035	61
B*4036	60
B*4037	61
B*4038	60
B*4039	61
B*4040	61
B*4042	60
B*4043	60
B*4044	61
B*4045	60
B*4046	60
B*4047	60
B*4048	60
B*4101	41
B*4102	41
B*4103	41
B*4104	41
B*4105	41
B*4106	41

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HLA Allele	Single or Multiple Search Determinant Assignment
B*4201	42
B*4202	42
B*4204	42
B*4205	42
B*44020101	44
B*44020102S	<blank>
B*440202	44
B*440203	44
B*440301	44
B*440302	44
B*4404	44
B*4405	44
B*4406	44
B*4407	44
B*4408	44
B*4409	12
B*4410	44
B*4411	44
B*4412	44
B*4413	44
B*4414	44
B*4415	12
B*4416	44/47
B*4417	44
B*4418	12
B*4419N	<blank>
B*4420	44
B*4421	44
B*4422	44
B*4423N	<blank>
B*4424	44
B*4425	44
B*4426	44
B*4427	44
B*4428	44
B*4429	44
B*4430	44
B*4431	44
B*4432	44
B*4433	44
B*4434	44
B*4435	44
B*4501	45
B*4502	45
B*4503	45
B*4504	12/50
B*4505	45
B*4506	45
B*4601	46
B*4602	46

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HLA Allele	Single or Multiple Search Determinant Assignment
B*47010101	47
B*47010102	47
B*4702	47
B*4703	47
B*4704	47
B*4801	48
B*4802	48/70
B*4803	48
B*4804	48
B*4805	48
B*4806	48
B*4807	48
B*4901	49
B*4902	49
B*4903	49
B*5001	50
B*5002	45/50
B*5004	50
B*510101	51
B*510102	51
B*510103	51
B*510104	51
B*510105	51
B*510201	51
B*510202	51
B*5103	51
B*5104	51
B*5105	51
B*5106	51
B*5107	51
B*5108	51
B*5109	51
B*5110	51
B*5111N	<blank>
B*5112	51
B*511301	51
B*511302	51
B*5114	51
B*5115	51
B*5116	51
B*5117	51
B*5118	51
B*5119	51
B*5120	51
B*5121	51
B*5122	51
B*5123	51
B*5124	51
B*5126	51
B*5127N	<blank>

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HLA Allele	Single or Multiple Search Determinant Assignment
B*5128	51
B*5129	51
B*5130	51
B*5131	51
B*5132	51
B*5133	51
B*5134	51
B*520101	52
B*520102	52
B*520103	52
B*520104	52
B*5202	52
B*5203	52
B*5204	52
B*5205	52
B*5301	53
B*5302	53
B*5303	53
B*5304	53
B*5305	53
B*5306	51/53
B*5307	53
B*5308	53
B*5309	53
B*5401	54
B*5402	54
B*5501	55
B*5502	55
B*5503	55
B*5504	55
B*5505	55
B*5507	22
B*5508	22
B*5509	22
B*5510	55
B*5511	55
B*5512	55
B*5513	55
B*5514	55
B*5601	56
B*5602	56
B*5603	56
B*5604	56
B*560501	22
B*560502	22
B*5606	56/78
B*5607	56
B*5608	56
B*5609	56
B*5610	22

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HLA Allele	Single or Multiple Search Determinant Assignment
B*5611	56
B*5612	22
B*570101	57
B*570102	57
B*5702	57
B*570301	57
B*570302	57
B*5704	57
B*5705	57
B*5706	57
B*5707	57
B*5708	57
B*5709	57
B*5801	58
B*5802	58
B*5804	58
B*5805	58
B*5806	58
B*5807	58
B*5808	58
B*5809	58
B*5901	59
B*670101	67
B*670102	67
B*6702	67
B*7301	73
B*7801	78
B*780201	78
B*780202	78
B*7803	78
B*7804	35/78
B*7805	78
B*8101	07/81
B*8201	22/45/82
B*8202	22/45/82
B*8301	22/45/83

* Allele is assigned to more than one search determinant

** Non-expressed alleles are not assigned search determinants

**National Marrow Donor Program
Search Determinants for HLA-B
Serologic Specificities**

Serologic Specificity	Search Determinant Assignment
B5	05
B7	07
B703	703
B8	08
B12	12
B13	13
B14	14
B15	15
B16	16
B17	17
B18	18
B21	21
B22	22
B27	27
B2708	2708
B35	35
B37	37
B38	38
B39	39
B3901	3901
B3902	3902
B40	40
B4005	4005
B41	41
B42	42
B44	44
B45	45
B46	46
B47	47
B48	48
B49	49
B50	50
B51	51
B5102	5102
B5103	5103
B52	52
B53	53
B54	54
B55	55
B56	56
B57	57
B58	58
B59	59
B60	60
B61	61
B62	62
B63	63
B64	64
B65	65
B67	67

**National Marrow Donor Program
Search Determinants for HLA-B
Serologic Specificities**

Serologic Specificity	Search Determinant Assignment
B70	70
B71	71
B72	72
B73	73
B75	75
B76	76
B77	77
B78	78
B81	81
B82	82