

DAT2885/3.2 – Minimum Resolution for Donor and Patient HLA types



Blood and Transplant

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MINIMUM RESOLUTION REPORTING REQUIREMENTS FOR DONOR AND PATIENT HLA TYPES

HLA-A, -B, -Cw, -DR, -DQB1 and -DPB1 information is required for all registration HLA types. Where broad and split information is not provided, allelic information must be provided to a resolution that enables the algorithm to infer a serological equivalent (e.g. HLA-DQB1*03:01 rather than HLA-DQB1*03). Supertypic specificities (i.e. HLA-Bw4/6, DR51/51N/52/53 and DR53N) may be reported but are not required.

HLA-A Broad	Splits (or associated specificities)
A1	
A2	
A3	
A9	A23, A24
A10	A25, A26, A34, A66
A11	
A19	A29, A30, A31, A32, A33, A74
A28	A68, A69
A36	
A43	
A80	

HLA-B Broad	Splits (or associated specificities)
B5	B51, B52
B7	
B8	
B12	B44, B45
B13	
B14	B64, B65
B15	B62, B63, B75, B76, B77
B16	B38, B39
B17	B57, B58
B18	
B21	B49, B50, B4005
B22	B54, B55, B56
B27	
B35	
B37	
B40	B60, B61
B41	
B42	
B46	
B47	
B48	
B53	
B59	
B67	
B70	B71, B72
B73	
B78	
B81	
B82	
B83	
Bw4	
Bw6	

HLA-Cw Broad	Splits (or associated specificities)
Cw1	
Cw2	
Cw3	Cw9, Cw10
Cw4	
Cw5	
Cw6	
Cw7	
Cw8	
Cw12	
Cw14	
Cw15	
Cw16	
Cw17	
Cw18	

HLA-DR Broad	Splits (or associated specificities)
DR1	
DR103	
DR2	DR15, DR16
DR3	DR17, DR18
DR4	
DR5	DR11, DR12
DR6	DR13, DR14
DR7	
DR8	
DR9	
DR10	
DR51	DR51, DR51 Null
DR52	
DR53	DR53, DR53 Null

HLA-DQ Broad	Splits (or associated specificities)
DQ1	DQ5, DQ6
DQ2	
DQ3	DQ7, DQ8, DQ9
DQ4	

HLA-DPB	"Splits"
DPB1	
DPB2	DPB0201, DPB0202
DPB3	
DPB4	DPB0401, DPB0402
DPB5 - ≥DPB1499	

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Cross-Referenced in Primary Document: MPD1007