

# ANTIGEN FREQUENCIES IN THE UK SOLID ORGAN DONOR POPULATION

Based on 10,000 UK deceased solid organ donors between November 1994 & December 2009

HLA-A		HLA-B		HLA-DR		HLA-Cw		HLA-DQ	
Antigen	%	Antigen	%	Antigen	%	Antigen	%	Antigen	%
<b>A1</b>	<b>34</b>	<b>B5</b>	<b>9</b>	<b>DR1</b>	<b>19</b>	<b>Cw1</b>	<b>7</b>	<b>DQ1</b>	<b>58</b>
<b>A2</b>	<b>50</b>	B51	8	<b>DR2</b>	<b>29</b>	<b>Cw2</b>	<b>7</b>	DQ5	27
A203	0	B52	1	DR15	28	<b>Cw3</b>	<b>23</b>	DQ6	41
A210	0	B5102	0	DR16	2	Cw9	8	<b>DQ2</b>	<b>44</b>
<b>A3</b>	<b>26</b>	B5103	0	<b>DR3</b>	<b>27</b>	Cw10	12	<b>DQ3</b>	<b>53</b>
<b>A9</b>	<b>17</b>	<b>B7</b>	<b>27</b>	DR17	26	<b>Cw4</b>	<b>17</b>	DQ7	34
A23	3	B703	0	DR18	<1	<b>Cw5</b>	<b>21</b>	DQ8	18
A24	14	<b>B8</b>	<b>25</b>	<b>DR4</b>	<b>35</b>	<b>Cw6</b>	<b>18</b>	DQ9	9
A2403	<1	<b>B12</b>	<b>33</b>	<b>DR5</b>	<b>16</b>	<b>Cw7</b>	<b>56</b>	<b>DQ4</b>	<b>4</b>
<b>A10</b>	<b>9</b>	B44	32	DR11	13	<b>Cw8</b>	<b>7</b>		
A25	4	B45	2	DR12	3	<b>Cw12</b>	<b>6</b>		
A26	4	<b>B13</b>	<b>4</b>	<b>DR6</b>	<b>23</b>	<b>Cw13</b>	<b>0</b>		
A34	<1	<b>B14</b>	<b>7</b>	DR13	19	<b>Cw14</b>	<b>2</b>		
A66	<1	B64	2	DR14	5	<b>Cw15</b>	<b>3</b>		
<b>A11</b>	<b>12</b>	B65	4	DR1403	<1	<b>Cw16</b>	<b>7</b>		
<b>A19</b>	<b>19</b>	<b>B15</b>	<b>13</b>	DR1404	<1	<b>Cw17</b>	<b>1</b>		
A30	5	B62	12	<b>DR7</b>	<b>26</b>	<b>Cw18</b>	<b>&lt;1</b>		
A31	6	B63	<1	<b>DR8</b>	<b>4</b>				
A32	7	B75	<1	<b>DR9</b>	<b>2</b>				
A33	2	B76	0	<b>DR10</b>	<b>1</b>				
A74	<1	B77	0	<b>DR103</b>	<b>4</b>				
<b>A29</b>	<b>8</b>	<b>B16</b>	<b>5</b>						
<b>A28</b>	<b>7</b>	B38	2	<b>DR51</b>	<b>29</b>				
A68	6	B39	3	<b>DR52</b>	<b>58</b>				
A69	<1	B3901	<1	<b>DR53</b>	<b>57</b>				
<b>A36</b>	<b>&lt;1</b>	B3902	0						
<b>A43</b>	<b>0</b>	<b>B17</b>	<b>9</b>						
<b>A80</b>	<b>&lt;1</b>	B57	8						
		B58	1						
		<b>B18</b>	<b>8</b>						
		<b>B21</b>	<b>4</b>						
		B49	3						
		B50	2						
		B4005	<1						
		<b>B22</b>	<b>4</b>						
		B54	<1						
		B55	4						
		B56	1						
		<b>B27</b>	<b>9</b>						
		B2708	<1						
		<b>B35</b>	<b>13</b>						
		<b>B37</b>	<b>3</b>						
		<b>B40</b>	<b>13</b>						
		B60	11						
		B61	2						
		<b>B41</b>	<b>1</b>						
		<b>B42</b>	<b>&lt;1</b>						
		<b>B46</b>	<b>&lt;1</b>						
		<b>B47</b>	<b>1</b>						
		<b>B48</b>	<b>&lt;1</b>						
		<b>B53</b>	<b>1</b>						
		<b>B59</b>	<b>0</b>						
		<b>B67</b>	<b>&lt;1</b>						
		<b>B70</b>	<b>1</b>						
		B71	<1						
		B72	<1						
		<b>B73</b>	<b>&lt;1</b>						
		<b>B78</b>	<b>&lt;1</b>						
		<b>B81</b>	<b>&lt;1</b>						
		<b>B82</b>	<b>&lt;1</b>						
		<b>B83</b>	<b>0</b>						
		<b>Bw4</b>	<b>62</b>						
		<b>Bw6</b>	<b>86</b>						

**Bold**  
Non-bold

**HLA specificities**  
Split and associated antigens