

## EQA round: PAT2/23 - Direct Antiglobulin Test

Deadline: 17.11.2023

Setup: Slovakia

AV = assigned value

RV = reference value

&gt;&gt;&gt; ... expected result

&gt; ... acceptable result

± ... result not assessed

N<sub>tot</sub> = total number of the resultsN<sub>rel</sub> = relative number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
<b>(1001) DAT (direct Coombs test)</b>		11			11	10	91
<b>Sample 1</b>		11			11	10	91
All results		1	9,1	Negative			
	RV >>>	8	73	Positive (3+)			
	>	2	18	Positive (4+)			
<b>Sample 2</b>		11			11	10	91
All results		1	9,1	Negative			
	RV >>>	6	55	Positive (3+)			
	>	4	36	Positive (4+)			
<b>(1002) Sensitization specificity anti-IgG</b>		5			5	5	100
<b>Sample 1</b>		5			5	5	100
All results	RV >>>	4	80	Positive (3+)			
	>	1	20	Positive (4+)			
<b>Sample 2</b>		5			5	5	100
All results	RV >>>	3	60	Positive (3+)			
	>	2	40	Positive (4+)			
<b>(1003) Sensitization specificity anti-IgA</b>		4			4	4	100
<b>Sample 1</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>Sample 2</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>(1004) Sensitization specificity anti-IgM</b>		4			4	4	100
<b>Sample 1</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>Sample 2</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>(1005) Sensitization specificity anti-C3c</b>		4			4	4	100
<b>Sample 1</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>Sample 2</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>(1006) Sensitization specificity anti-C3d</b>		4			4	4	100
<b>Sample 1</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>Sample 2</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>(1008) Col. agglut: Quantif. IgG-DAT</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	1:30			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	1:100			
<b>(1009) Col. agglut: Subclass IgG1 1:1</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	2	67	Negative			
	>	1	33	Positive (1+)			
<b>Sample 2</b>		3			3	3	100
All results	>	2	67	Positive (1+)			
	RV >>>	1	33	Positive (2+)			
<b>(1010) Col. agglut: Subclass IgG1 1:100</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>(1011) Col. agglut: Subclass IgG3 1:1</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>(1012) Col. agglut: Subclass IgG3 1:100</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Negative			

Test Sample Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(1019) <b>ABO blood group</b>		9			9	9	100
<b>Sample 1</b>		9			9	9	100
All results	RV >>>	9	100	Blood group: A			
<b>Sample 2</b>		9			9	9	100
All results	RV >>>	9	100	Blood group: A			
(1020) <b>Rh D antigen</b>		9			9	9	100
<b>Sample 1</b>		9			9	9	100
All results	RV >>>	9	100	Positive (RhD+)			
<b>Sample 2</b>		9			9	9	100
All results	RV >>>	9	100	Positive (RhD+)			
(1021) <b>Antigen C</b>		5			5	5	100
<b>Sample 1</b>		5			5	5	100
All results	RV >>>	5	100	Positive			
<b>Sample 2</b>		5			5	5	100
All results	RV >>>	5	100	Positive			
(1022) <b>Antigen c</b>		5			5	5	100
<b>Sample 1</b>		5			5	5	100
All results	RV >>>	5	100	Negative			
<b>Sample 2</b>		5			5	5	100
All results	RV >>>	5	100	Positive			
(1024) <b>Antigen E</b>		6			6	6	100
<b>Sample 1</b>		6			6	6	100
All results	RV >>>	6	100	Negative			
<b>Sample 2</b>		6			6	6	100
All results	RV >>>	6	100	Negative			
(1025) <b>Antigen e</b>		5			5	5	100
<b>Sample 1</b>		5			5	5	100
All results	RV >>>	5	100	Positive			
<b>Sample 2</b>		5			5	5	100
All results	RV >>>	5	100	Positive			
(1023) <b>Antigen C<sup>w</sup></b>		4			4	4	100
<b>Sample 1</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
<b>Sample 2</b>		4			4	4	100
All results	RV >>>	4	100	Negative			
(1026) <b>Antigen K</b>		7			7	6	86
<b>Sample 1</b>		7			7	6	86
All results	RV >>>	6	86	Negative 1 14 Positive			
<b>Sample 2</b>		7			7	6	86
All results	RV >>>	6	86	Negative 1 14 Positive			
(1027) <b>Antigen k</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
(1039) <b>Antigen Kp<sup>a</sup></b>		1			1	1	100
<b>Sample 1</b>		1			1	1	100
All results	RV >>>	1	100	Negative			
<b>Sample 2</b>		1			1	1	100
All results	RV >>>	1	100	Negative			
(1040) <b>Antigen Kp<sup>b</sup></b>		1			1	1	100
<b>Sample 1</b>		1			1	1	100
All results	RV >>>	1	100	Positive			
<b>Sample 2</b>		1			1	1	100
All results	RV >>>	1	100	Positive			
(1033) <b>Antigen Jk<sup>a</sup></b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
(1034) <b>Antigen Jk<sup>b</sup></b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			

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<b>(1028) Antigen M</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>(1029) Antigen N</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>(1030) Antigen S</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>(1031) Antigen s</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>(1035) Antigen Le<sup>a</sup></b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Negative			
<b>(1036) Antigen Le<sup>b</sup></b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>(1032) Antigen P1</b>		3			3	3	100
<b>Sample 1</b>		3			3	3	100
All results	RV >>>	3	100	Positive			
<b>Sample 2</b>		3			3	3	100
All results	RV >>>	3	100	Positive			