

Setup: all data

AV = assigned value

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

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

S<sub>rel</sub> = relative success

&gt; ... acceptable result

± ... result not assessed

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>(601) A1 expression HER-2/neu</b>		49			49	45	92
<b>Slide</b>		49			49	45	92
All results		4	8,2	Negative (1+)			
	CVE >>>	43	88	Weak positive (2+)			
	>	2	4,1	Strong positive (3+)			
<b>(602) A2 expression HER-2/neu</b>		49			49	43	88
<b>Slide</b>		49			49	43	88
All results	CVE >>>	9	18	Negative (0)			
	CVE >>>	34	69	Negative (1+)			
		6	12	Weak positive (2+)			
<b>(603) A3 expression HER-2/neu</b>		39			0		
<b>Slide</b>		39			0		
All results	±	3	7,7	Negative (0)			
	±	27	69	Negative (1+)			
	±	8	21	Weak positive (2+)			
	±	1	2,6	Strong positive (3+)			
<b>(606) B1 expression HER-2/neu</b>		49			49	49	100
<b>Slide</b>		49			49	49	100
All results	>	5	10	Weak positive (2+)			
	CVE >>>	44	90	Strong positive (3+)			
<b>(607) B2 expression HER-2/neu</b>		49			49	49	100
<b>Slide</b>		49			49	49	100
All results	CVE >>>	48	98	Negative (0)			
	>	1	2	Negative (1+)			
<b>(608) B3 expression HER-2/neu</b>		43			43	43	100
<b>Slide</b>		43			43	43	100
All results	CVE >>>	43	100	Negative (0)			
<b>(611) C1 expression HER-2/neu</b>		49			49	49	100
<b>Slide</b>		49			49	49	100
All results	CVE >>>	49	100	Strong positive (3+)			
<b>(612) C2 expression HER-2/neu</b>		49			49	49	100
<b>Slide</b>		49			49	49	100
All results	>	1	2	Weak positive (2+)			
	CVE >>>	48	98	Strong positive (3+)			
<b>(613) C3 expression HER-2/neu</b>		49			49	49	100
<b>Slide</b>		49			49	49	100
All results	CVE >>>	49	100	Strong positive (3+)			
<b>(616) D1 expression HER-2/neu</b>		49			49	48	98
<b>Slide</b>		49			49	48	98
All results		1	2	Negative (1+)			
	CVE >>>	43	88	Weak positive (2+)			
	>	5	10	Strong positive (3+)			
<b>(617) D2 expression HER-2/neu</b>		49			49	48	98
<b>Slide</b>		49			49	48	98
All results		1	2	Negative (1+)			
	CVE >>>	43	88	Weak positive (2+)			
	>	5	10	Strong positive (3+)			
<b>(618) D3 expression HER-2/neu</b>		49			49	47	96
<b>Slide</b>		49			49	47	96
All results		2	4,1	Negative (1+)			
	CVE >>>	42	86	Weak positive (2+)			
	>	5	10	Strong positive (3+)			
<b>(621) E1 expression HER-2/neu</b>		49			49	33	67
<b>Slide</b>		49			49	33	67
All results	>	2	4,1	Negative (0)			
	CVE >>>	31	63	Negative (1+)			
		16	33	Weak positive (2+)			
<b>(622) E2 expression HER-2/neu</b>		49			49	46	94
<b>Slide</b>		49			49	46	94
All results	>	13	27	Negative (0)			
	CVE >>>	33	67	Negative (1+)			
		3	6,1	Weak positive (2+)			

## EQA round: IHC1/23 - Immunohistochemistry - Detection of HER-2/neu

Deadline: 24.2.2023

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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> [%]
(623) E3 expression HER-2/neu		48			48	44	92
Slide		48			48	44	92
All results	CVE >>>	18	38	Negative (0)			
	CVE >>>	26	54	Negative (1+)			
		4	8.3	Weak positive (2+)			