

Setup: all data

AV = assigned value

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessed

CVE = consensus of the experts

N<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>		47			47	47	100
<b>Slide</b>		47			47	47	100
All results	CVE >>>	47	100	Strong positive (3+)			
<b>(602) A2 expression HER-2/neu</b>		47			47	46	98
<b>Slide</b>		47			47	46	98
All results	CVE >>>	38	81	Negative (0)			
	>	8	17	Negative (1+)			
		1	2,1	Weak positive (2+)			
<b>(603) A3 expression HER-2/neu</b>		47			0		
<b>Slide</b>		47			0		
All results	±	11	23	Negative (1+)			
	±	33	70	Weak positive (2+)			
	±	3	6,4	Strong positive (3+)			
<b>(606) B1 expression HER-2/neu</b>		47			47	35	74
<b>Slide</b>		47			47	35	74
All results		1	2,1	Negative (0)			
		11	23	Negative (1+)			
	CVE >>>	35	74	Weak positive (2+)			
<b>(607) B2 expression HER-2/neu</b>		47			47	47	100
<b>Slide</b>		47			47	47	100
All results	CVE >>>	43	91	Weak positive (2+)			
	>	4	8,5	Strong positive (3+)			
<b>(608) B3 expression HER-2/neu</b>		47			0		
<b>Slide</b>		47			0		
All results	±	1	2,1	Negative (0)			
	±	20	43	Negative (1+)			
	±	26	55	Weak positive (2+)			
<b>(611) C1 expression HER-2/neu</b>		47			47	43	91
<b>Slide</b>		47			47	43	91
All results		4	8,5	Negative (1+)			
	CVE >>>	40	85	Weak positive (2+)			
	>	3	6,4	Strong positive (3+)			
<b>(612) C2 expression HER-2/neu</b>		47			47	46	98
<b>Slide</b>		47			47	46	98
All results	CVE >>>	29	62	Negative (0)			
	CVE >>>	17	36	Negative (1+)			
		1	2,1	Weak positive (2+)			
<b>(613) C3 expression HER-2/neu</b>		47			47	47	100
<b>Slide</b>		47			47	47	100
All results	CVE >>>	43	91	Weak positive (2+)			
	>	4	8,5	Strong positive (3+)			
<b>(616) D1 expression HER-2/neu</b>		47			47	47	100
<b>Slide</b>		47			47	47	100
All results	CVE >>>	29	62	Negative (0)			
	CVE >>>	18	38	Negative (1+)			
<b>(617) D2 expression HER-2/neu</b>		47			0		
<b>Slide</b>		47			0		
All results	±	16	34	Negative (1+)			
	±	30	64	Weak positive (2+)			
	±	1	2,1	Strong positive (3+)			
<b>(618) D3 expression HER-2/neu</b>		47			47	43	91
<b>Slide</b>		47			47	43	91
All results	>	22	47	Negative (0)			
	CVE >>>	21	45	Negative (1+)			
		4	8,5	Weak positive (2+)			
<b>(621) E1 expression HER-2/neu</b>		47			47	46	98
<b>Slide</b>		47			47	46	98
All results	CVE >>>	40	85	Negative (0)			
	>	6	13	Negative (1+)			
		1	2,1	Weak positive (2+)			
<b>(622) E2 expression HER-2/neu</b>		47			47	47	100
<b>Slide</b>		47			47	47	100
All results	CVE >>>	42	89	Negative (0)			
	>	5	11	Negative (1+)			

EQA round: IHC1/24 - Immunohistochemistry - Detection of HER-2/neu

Deadline: 23.2.2024

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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		46			46	46	100
Slide		46			46	46	100
All results	CVE >>>	44	96	Negative (0)			
	>	2	4.3	Negative (1+)			