

## EQA round: IHC1/25 - Immunohistochemistry - Detection of HER-2/neu

Deadline: 21.2.2025

Setup: Slovakia

AV = assigned value	N <sub>tot</sub> = total number of the results	N <sub>eva</sub> = number of the results assessed
CVE = consensus of the experts	N <sub>rel</sub> = relative number of the results	N <sub>suc</sub> = number of successful results
>>> ... expected result		S <sub>rel</sub> = relative success
> ... 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>		14			14	14	100
<b>Slide</b>		14			14	14	100
All results	CVE >>>	13	93	Negative (0)			
	CVE >>>	1	7,1	Negative (1+)			
<b>(602) A2 expression HER-2/neu</b>		15			15	14	93
<b>Slide</b>		15			15	14	93
All results	CVE >>>	7	47	Negative (0)			
	CVE >>>	7	47	Negative (1+)			
		1	6,7	Weak positive (2+)			
<b>(603) A3 expression HER-2/neu</b>		15			15	15	100
<b>Slide</b>		15			15	15	100
All results	CVE >>>	15	100	Strong positive (3+)			
<b>(606) B1 expression HER-2/neu</b>		15			15	14	93
<b>Slide</b>		15			15	14	93
All results	CVE >>>	11	73	Negative (0)			
	CVE >>>	3	20	Negative (1+)			
		1	6,7	Weak positive (2+)			
<b>(607) B2 expression HER-2/neu</b>		15			15	15	100
<b>Slide</b>		15			15	15	100
All results	CVE >>>	11	73	Weak positive (2+)			
	>	4	27	Strong positive (3+)			
<b>(608) B3 expression HER-2/neu</b>		15			0		
<b>Slide</b>		15			0		
All results	±	2	13	Negative (0)			
	±	8	53	Negative (1+)			
	±	5	33	Weak positive (2+)			
<b>(611) C1 expression HER-2/neu</b>		15			15	14	93
<b>Slide</b>		15			15	14	93
All results	CVE >>>	5	33	Negative (0)			
	CVE >>>	9	60	Negative (1+)			
		1	6,7	Weak positive (2+)			
<b>(612) C2 expression HER-2/neu</b>		15			0		
<b>Slide</b>		15			0		
All results	±	1	6,7	Negative (0)			
	±	12	80	Negative (1+)			
	±	2	13	Weak positive (2+)			
<b>(613) C3 expression HER-2/neu</b>		13			0		
<b>Slide</b>		13			0		
All results	±	1	7,7	Negative (0)			
	±	7	54	Negative (1+)			
	±	5	38	Weak positive (2+)			
<b>(616) D1 expression HER-2/neu</b>		15			15	15	100
<b>Slide</b>		15			15	15	100
All results	CVE >>>	10	67	Weak positive (2+)			
	CVE >>>	5	33	Strong positive (3+)			
<b>(617) D2 expression HER-2/neu</b>		15			15	15	100
<b>Slide</b>		15			15	15	100
All results	CVE >>>	14	93	Weak positive (2+)			
	>	1	6,7	Strong positive (3+)			
<b>(618) D3 expression HER-2/neu</b>		15			15	15	100
<b>Slide</b>		15			15	15	100
All results	CVE >>>	15	100	Strong positive (3+)			
<b>(621) E1 expression HER-2/neu</b>		13			13	12	92
<b>Slide</b>		13			13	12	92
All results	CVE >>>	9	69	Negative (0)			
	CVE >>>	3	23	Negative (1+)			
		1	7,7	Weak positive (2+)			
<b>(622) E2 expression HER-2/neu</b>		15			15	14	93
<b>Slide</b>		15			15	14	93
All results	CVE >>>	5	33	Negative (0)			
	CVE >>>	9	60	Negative (1+)			
		1	6,7	Weak positive (2+)			

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	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		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	12	100	Negative (0)			