

## EQA round: IHC2/22 - Immunohistochemistry - Detection of HER-2/neu

Key:	>>> ... marks correct (expected) result	N ... number of the results
	> ... marks conditionally correct (acceptable) result	Nrel ... relative number of the results
	± ... marks the result not evaluated	

## Test

Sample	Group	N	Result	N <sub>rel</sub>
<b>(601) A1 expression HER-2/neu</b>				
Slide	All results	>>> 49	Strong positive (3+)	100 %
Total per sample: n = 49		Success: 100 %		
Total success: 100 %				
<b>(602) A2 expression HER-2/neu</b>				
Slide	All results	>>> 48	Negative (0)	98 %
		> 1	Negative (1+)	2,0 %
Total per sample: n = 49		Success: 100 %		
Total success: 100 %				
<b>(603) A3 expression HER-2/neu</b>				
Slide	All results	7	Negative (1+)	14 %
		>>> 41	Weak positive (2+)	84 %
		> 1	Strong positive (3+)	2,0 %
Total per sample: n = 49		Success: 86 %		
Total success: 86 %				
<b>(606) B1 expression HER-2/neu</b>				
Slide	All results	>>> 45	Negative (0)	94 %
		> 3	Negative (1+)	6,3 %
Total per sample: n = 48		Success: 100 %		
Total success: 100 %				
<b>(607) B2 expression HER-2/neu</b>				
Slide	All results	1	Negative (0)	2,0 %
		>>> 42	Weak positive (2+)	86 %
		> 6	Strong positive (3+)	12 %
Total per sample: n = 49		Success: 98 %		
Total success: 98 %				
<b>(608) B3 expression HER-2/neu</b>				
Slide	All results	± 4	Negative (0)	8,2 %
		± 16	Negative (1+)	33 %
		± 27	Weak positive (2+)	55 %
		± 2	Strong positive (3+)	4,1 %
Total per sample: n = 49		Success (only evaluated results): not assessed		
<b>(611) C1 expression HER-2/neu</b>				
Slide	All results	± 4	Negative (0)	8,3 %
		± 18	Negative (1+)	38 %
		± 26	Weak positive (2+)	54 %
Total per sample: n = 48		Success (only evaluated results): not assessed		
<b>(612) C2 expression HER-2/neu</b>				
Slide	All results	>>> 49	Strong positive (3+)	100 %
Total per sample: n = 49		Success: 100 %		
Total success: 100 %				
<b>(613) C3 expression HER-2/neu</b>				
Slide	All results	>>> 17	Negative (0)	35 %
		>>> 25	Negative (1+)	51 %
		6	Weak positive (2+)	12 %
		1	Strong positive (3+)	2,0 %
Total per sample: n = 49		Success: 86 %		
Total success: 86 %				
<b>(616) D1 expression HER-2/neu</b>				
Slide	All results	1	Negative (0)	2,0 %
		8	Negative (1+)	16 %
		>>> 38	Weak positive (2+)	78 %
		> 2	Strong positive (3+)	4,1 %
Total per sample: n = 49		Success: 82 %		
Total success: 82 %				
<b>(617) D2 expression HER-2/neu</b>				
Slide	All results	>>> 46	Negative (0)	96 %
		> 2	Negative (1+)	4,2 %
Total per sample: n = 48		Success: 100 %		
Total success: 100 %				
<b>(618) D3 expression HER-2/neu</b>				
Slide	All results	1	Negative (1+)	2,0 %

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Test	Sample	Group	N	Result	N <sub>rel</sub>
	Slide	All results	>>> 9	Weak positive (2+)	18 %
			>>> 39	Strong positive (3+)	80 %
	Total per sample: n = 49		Success: 98 %		
	Total success: 98 %				
<b>(621) E1 expression HER-2/neu</b>					
	Slide	All results	1	Negative (0)	2,0 %
			8	Negative (1+)	16 %
			>>> 40	Weak positive (2+)	82 %
	Total per sample: n = 49		Success: 82 %		
	Total success: 82 %				
<b>(622) E2 expression HER-2/neu</b>					
	Slide	All results	> 5	Negative (0)	10 %
			>>> 31	Negative (1+)	65 %
			12	Weak positive (2+)	25 %
	Total per sample: n = 48		Success: 75 %		
	Total success: 75 %				
<b>(623) E3 expression HER-2/neu</b>					
	Slide	All results	>>> 49	Strong positive (3+)	100 %
	Total per sample: n = 49		Success: 100 %		
	Total success: 100 %				
<b>(651) A1 sample staining</b>					
	Slide	All results	1	0 points	2,0 %
			> 2	3 points	4,1 %
			>>> 46	6 points	94 %
	Total per sample: n = 49		Success: 98 %		
	Total success: 98 %				
<b>(652) A2 sample staining</b>					
	Slide	All results	>>> 49	6 points	100 %
	Total per sample: n = 49		Success: 100 %		
	Total success: 100 %				
<b>(653) A3 sample staining</b>					
	Slide	All results	1	0 points	2,0 %
			> 5	3 points	10 %
			>>> 43	6 points	88 %
	Total per sample: n = 49		Success: 98 %		
	Total success: 98 %				
<b>(656) B1 sample staining</b>					
	Slide	All results	>>> 48	6 points	100 %
	Total per sample: n = 48		Success: 100 %		
	Total success: 100 %				
<b>(657) B2 sample staining</b>					
	Slide	All results	1	0 points	2,1 %
			> 4	3 points	8,3 %
			>>> 43	6 points	90 %
	Total per sample: n = 48		Success: 98 %		
	Total success: 98 %				
<b>(658) B3 sample staining</b>					
	Slide	All results	± 49	6 points	100 %
	Total per sample: n = 49		Success (only evaluated results): not assessed		
<b>(661) C1 sample staining</b>					
	Slide	All results	± 49	6 points	100 %
	Total per sample: n = 49		Success (only evaluated results): not assessed		
<b>(662) C2 sample staining</b>					
	Slide	All results	> 5	3 points	10 %
			>>> 44	6 points	90 %
	Total per sample: n = 49		Success: 100 %		
	Total success: 100 %				
<b>(663) C3 sample staining</b>					
	Slide	All results	> 2	3 points	4,1 %
			>>> 47	6 points	96 %
	Total per sample: n = 49		Success: 100 %		
	Total success: 100 %				
<b>(666) D1 sample staining</b>					
	Slide	All results	2	0 points	4,1 %

Test		N	Result	N <sub>rel</sub>
Sample	Group			
Slide	All results	>	10 3 points	20 %
		>>	37 6 points	76 %
		Total per sample: n = 49		Success: 96 %
Total success: 96 %				
<b>(667) D2 sample staining</b>				
Slide	All results	>>>	48 6 points	100 %
		Total per sample: n = 48		Success: 100 %
		Total success: 100 %		
<b>(668) D3 sample staining</b>				
Slide	All results	>>>	49 6 points	100 %
		Total per sample: n = 49		Success: 100 %
		Total success: 100 %		
<b>(671) E1 sample staining</b>				
Slide	All results		1 0 points	2.0 %
		>	9 3 points	18 %
		>>>	39 6 points	80 %
		Total per sample: n = 49		Success: 98 %
Total success: 98 %				
<b>(672) E2 sample staining</b>				
Slide	All results		1 0 points	2.0 %
		>	1 3 points	2.0 %
		>>>	47 6 points	96 %
		Total per sample: n = 49		Success: 98 %
Total success: 98 %				
<b>(673) E3 sample staining</b>				
Slide	All results	>	2 3 points	4.1 %
		>>>	1 5 points	2.0 %
		>>>	46 6 points	94 %
		Total per sample: n = 49		Success: 100 %
Total success: 100 %				
<b>(681) IQC</b>				
Slide	All results		4 0 points	8.2 %
			1 1 point	2.0 %
		>	12 3 points	24 %
		>	1 4 points	2.0 %
		>>>	1 5 points	2.0 %
		>>>	30 6 points	61 %
		Total per sample: n = 49		Success: 90 %
Total success: 90 %				