

EQA round: IHC2/23 - Immunohistochemistry - Detection of HER-2/neu

Deadline: 8.9.2023

Setup: Slovakia

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessedN_{rel} = relative number of the resultsN_{suc} = number of successful results

>>> ... expected result

S_{rel} = relative success

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(601) A1 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	12	100	Strong positive (3+)			
(602) A2 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	12	100	Negative (0)			
(603) A3 expression HER-2/neu		12			12	8	67
Slide		12			12	8	67
All results		4	33	Negative (1+)			
	CVE >>>	7	58	Weak positive (2+)			
	>	1	8,3	Strong positive (3+)			
(606) B1 expression HER-2/neu		12			0		
Slide		12			0		
All results		± 7	58	Negative (1+)			
		± 5	42	Weak positive (2+)			
(607) B2 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	8	67	Weak positive (2+)			
	>	4	33	Strong positive (3+)			
(608) B3 expression HER-2/neu		12			0		
Slide		12			0		
All results		± 6	50	Negative (1+)			
		± 6	50	Weak positive (2+)			
(611) C1 expression HER-2/neu		12			0		
Slide		12			0		
All results		± 7	58	Negative (1+)			
		± 5	42	Weak positive (2+)			
(612) C2 expression HER-2/neu		12			12	10	83
Slide		12			12	10	83
All results	CVE >>>	8	67	Negative (0)			
	CVE >>>	2	17	Negative (1+)			
		2	17	Weak positive (2+)			
(613) C3 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	12	100	Weak positive (2+)			
(616) D1 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	7	58	Negative (0)			
	CVE >>>	5	42	Negative (1+)			
(617) D2 expression HER-2/neu		12			0		
Slide		12			0		
All results		± 5	42	Negative (1+)			
		± 7	58	Weak positive (2+)			
(618) D3 expression HER-2/neu		12			0		
Slide		12			0		
All results		± 3	25	Negative (1+)			
		± 9	75	Weak positive (2+)			
(621) E1 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	7	58	Negative (0)			
	CVE >>>	5	42	Negative (1+)			
(622) E2 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	10	83	Negative (0)			
	CVE >>>	2	17	Negative (1+)			
(623) E3 expression HER-2/neu		12			12	12	100
Slide		12			12	12	100
All results	CVE >>>	12	100	Negative (0)			