

EQA round: IHC2/24 - Immunohistochemistry - Detection of HER-2/neu

Deadline: 6.9.2024

Setup: all data

AV = assigned value	N _{tot} = total number of the results	N _{eva} = number of the results assessed
CVE = consensus of the experts	N _{rel} = relative number of the results	N _{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		44		44	44	100
Slide		44		44	44	100
All results	CVE >>>	44	100 Strong positive (3+)	44	44	100
(602) A2 expression HER-2/neu		44		44	44	100
Slide		44		44	44	100
All results	CVE >>>	35	80 Negative (0)			
	>	9	20 Negative (1+)			
(603) A3 expression HER-2/neu		40		40	34	85
Slide		40		40	34	85
All results		6	15 Negative (1+)			
	CVE >>>	30	75 Weak positive (2+)			
	>	4	10 Strong positive (3+)			
(606) B1 expression HER-2/neu		44		44	39	89
Slide		44		44	39	89
All results		5	11 Negative (1+)			
	CVE >>>	37	84 Weak positive (2+)			
	>	2	4.5 Strong positive (3+)			
(607) B2 expression HER-2/neu		44		44	44	100
Slide		44		44	44	100
All results	CVE >>>	14	32 Weak positive (2+)			
	CVE >>>	30	68 Strong positive (3+)			
(608) B3 expression HER-2/neu		44		0		
Slide		44		0		
All results		± 16	36 Negative (1+)			
		± 28	64 Weak positive (2+)			
(611) C1 expression HER-2/neu		44		44	40	91
Slide		44		44	40	91
All results		4	9.1 Negative (1+)			
	CVE >>>	37	84 Weak positive (2+)			
	>	3	6.8 Strong positive (3+)			
(612) C2 expression HER-2/neu		44		44	44	100
Slide		44		44	44	100
All results	CVE >>>	20	45 Negative (0)			
	CVE >>>	24	55 Negative (1+)			
(613) C3 expression HER-2/neu		44		44	43	98
Slide		44		44	43	98
All results		1	2.3 Negative (1+)			
	CVE >>>	28	64 Weak positive (2+)			
	CVE >>>	15	34 Strong positive (3+)			
(616) D1 expression HER-2/neu		44		44	44	100
Slide		44		44	44	100
All results	CVE >>>	30	68 Negative (0)			
	CVE >>>	14	32 Negative (1+)			
(617) D2 expression HER-2/neu		44		0		
Slide		44		0		
All results		± 20	45 Negative (1+)			
		± 24	55 Weak positive (2+)			
(618) D3 expression HER-2/neu		44		44	38	86
Slide		44		44	38	86
All results		6	14 Negative (1+)			
	CVE >>>	34	77 Weak positive (2+)			
	>	4	9.1 Strong positive (3+)			
(621) E1 expression HER-2/neu		44		44	43	98
Slide		44		44	43	98
All results	CVE >>>	31	70 Negative (0)			
	CVE >>>	12	27 Negative (1+)			
		1	2.3 Weak positive (2+)			
(622) E2 expression HER-2/neu		44		44	41	93
Slide		44		44	41	93
All results	CVE >>>	17	39 Negative (0)			
	CVE >>>	24	55 Negative (1+)			
		3	6.8 Weak positive (2+)			

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Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(623) E3 expression HER-2/neu		44			44	44	100
Slide		44			44	44	100
All results	CVE >>>	44	100	Negative (0)			