

**Summary statistics - qualitative results****EQA round: IHC1/24 - Immunohistochemistry - Detection of HER-2/neu**

Deadline: 23.2.2024

Setup: Slovakia

AV = assigned value CVE = consensus of the experts >>> ... expected result > ... acceptable result ± ... result not assessed	$N_{tot}$ = total number of the results $N_{rel}$ = relative number of the results	$N_{eva}$ = number of the results assessed $N_{suc}$ = number of successful results $S_{rel}$ = relative success
Test Sample Group	Frequency of the results AV $N_{tot}$ $N_{rel}$ Result [%]	Success $N_{eva}$ $N_{suc}$ $S_{rel}$ [%]
(601) A1 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 15 100 Strong positive (3+)	
(602) A2 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 11 73 Negative (0) > 4 27 Negative (1+)	
(603) A3 expression HER-2/neu	15	0
Slide	15	0
All results	± 4 27 Negative (1+) ± 10 67 Weak positive (2+) ± 1 6,7 Strong positive (3+)	
(606) B1 expression HER-2/neu	15	15 10 67
Slide	15	15 10 67
All results	5 33 Negative (1+) CVE >>> 10 67 Weak positive (2+)	
(607) B2 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 14 93 Weak positive (2+) > 1 6,7 Strong positive (3+)	
(608) B3 expression HER-2/neu	15	0
Slide	15	0
All results	± 1 6,7 Negative (0) ± 8 53 Negative (1+) ± 6 40 Weak positive (2+)	
(611) C1 expression HER-2/neu	15	15 14 93
Slide	15	15 14 93
All results	1 6,7 Negative (1+) CVE >>> 14 93 Weak positive (2+)	
(612) C2 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 9 60 Negative (0) CVE >>> 6 40 Negative (1+)	
(613) C3 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 14 93 Weak positive (2+) > 1 6,7 Strong positive (3+)	
(616) D1 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 10 67 Negative (0) CVE >>> 5 33 Negative (1+)	
(617) D2 expression HER-2/neu	15	0
Slide	15	0
All results	± 6 40 Negative (1+) ± 9 60 Weak positive (2+)	
(618) D3 expression HER-2/neu	15	15 14 93
Slide	15	15 14 93
All results	> 10 67 Negative (0) CVE >>> 4 27 Negative (1+) 1 6,7 Weak positive (2+)	
(621) E1 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 13 87 Negative (0) > 2 13 Negative (1+)	
(622) E2 expression HER-2/neu	15	15 15 100
Slide	15	15 15 100
All results	CVE >>> 13 87 Negative (0) > 2 13 Negative (1+)	
(623) E3 expression HER-2/neu	14	14 14 100
Slide	14	14 14 100
All results	CVE >>> 14 100 Negative (0)	