

EQA round: PDL12/23 - Programmed Death Ligand 1

Deadline: 30.10.2023

Setup: all data

AV = assigned value

CVP = consensus of all participants

>>> ... expected result

> ... acceptable result

± ... result not assessed

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

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
1: TNBC							
(604) Physical slide (TNBC SP142)		12			12	11	92
A1		12			12	10	83
All results	CVP >>>	10	83	Negative			
		2	17	Inconclusive result			
B1		12			12	11	92
All results		1	8,3	Inconclusive result			
	CVP >>>	11	92	Positive			
C1		12			12	10	83
All results	CVP >>>	10	83	Negative			
		1	8,3	Inconclusive result			
		1	8,3	Positive			
D1		12			12	11	92
All results		1	8,3	Inconclusive result			
	CVP >>>	11	92	Positive			
(624) Physical slide (TNBC 22C3)		18			18	17	94
A1		18			18	16	89
All results	CVP >>>	16	89	Negative			
		2	11	Positive			
B1		18			18	18	100
All results	CVP >>>	18	100	Positive			
C1		18			18	17	94
All results	CVP >>>	17	94	Negative			
		1	5,6	Positive			
D1		18			18	18	100
All results	CVP >>>	18	100	Positive			
(605) Virtual slide (TNBC)		28			28	27	96
E1		28			28	28	100
All results	CVP >>>	28	100	Negative			
F1		28			28	27	96
All results		1	3,6	Negative			
	CVP >>>	27	96	Positive			
G1		28			0		
All results		± 9	32	Negative			
		± 19	68	Positive			
H1		28			28	27	96
All results		1	3,6	Negative			
	CVP >>>	27	96	Positive			
2: NSCLC							
(609) Physical slide (NSCLC)		48			48	48	100
A2		48			48	48	100
All results		> 4	8,3	Positive (TPS 1 - 49)			
	CVP >>>	44	92	Positive (TPS >= 50)			
B2		48			48	48	100
All results		> 1	2,1	Positive (TPS 1 - 49)			
	CVP >>>	47	98	Positive (TPS >= 50)			
C2		48			48	48	100
All results	CVP >>>	17	35	Positive (TPS 1 - 49)			
	CVP >>>	31	65	Positive (TPS >= 50)			
D2		48			48	46	96
All results	CVP >>>	46	96	Negative (TPS < 1)			
		2	4,2	Positive (TPS 1 - 49)			
(610) Virtual slide (NSCLC)		48			48	47	98
E2		48			0		
All results		± 38	79	Negative (TPS < 1)			
		± 1	2,1	Inconclusive result			
		± 9	19	Positive (TPS 1 - 49)			
F2		48			48	47	98
All results	CVP >>>	47	98	Negative (TPS < 1)			
		1	2,1	Positive (TPS 1 - 49)			
G2		48			48	48	100
All results		> 3	6,3	Positive (TPS 1 - 49)			
	CVP >>>	45	94	Positive (TPS >= 50)			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
H2		48			48	48	100
All results	CVP >>>	46	96	Positive (TPS 1 - 49)			
	>	2	4,2	Positive (TPS >= 50)			
3: UC							
(614) Physical slide (UC)		39			39	29	74
A3		39			39	39	100
All results	CVP >>>	39	100	Negative			
B3		39			39	35	90
All results		4	10	Negative			
	CVP >>>	35	90	Positive			
C3		39			39	33	85
All results	CVP >>>	33	85	Negative			
		6	15	Positive			
D3		39			0		
All results	±	13	33	Negative			
	±	26	67	Positive			
(615) Virtual slide (UC)		39			39	39	100
E3		39			39	36	92
All results		2	5,1	Negative			
		1	2,6	Inconclusive result			
	CVP >>>	36	92	Positive			
F3		39			39	39	100
All results	CVP >>>	39	100	Positive			
G3		39			39	39	100
All results	CVP >>>	39	100	Negative			
H3		39			39	39	100
All results	CVP >>>	39	100	Positive			
4: HNSCC							
(619) Physical slide (HNSCC)		36			36	36	100
A4		36			36	36	100
All results	CVP >>>	36	100	Positive			
B4		36			36	36	100
All results	CVP >>>	36	100	Positive			
C4		36			36	36	100
All results	CVP >>>	36	100	Positive			
D4		36			36	31	86
All results		5	14	Negative			
	CVP >>>	31	86	Positive			
(620) Virtual slide (HNSCC)		36			36	34	94
E4		36			0		
All results	±	13	36	Negative			
	±	23	64	Positive			
F4		36			36	34	94
All results		2	5,6	Negative			
	CVP >>>	34	94	Positive			
G4		36			36	36	100
All results	CVP >>>	36	100	Positive			
H4		36			36	36	100
All results	CVP >>>	36	100	Positive			