

**BIOLOGICAL HEALTH RISKS
QUALITY OF LABORATORIES**

**EXTERNAL QUALITY ASSESSMENT
VETERINARY DIAGNOSIS**

**PRELIMINARY REPORT
VETERINARY MEDICINE
CAPRIPOX (CAPX)
PROFICIENCY TEST 2023/3**

1. SEROLOGY

1.1 Serum

1.1.1 The samples

The target values were determined by the NRL based on the homogeneity tests. The panel consisted of different of samples: 8 positive and 2 negative samples.

Sample ID	Matrix	Repetition	Status
PT2023CAPXSER_P1	Sheep serum	1	POS
PT2023CAPXSER_P2	Sheep serum	1	POS
PT2023CAPXSER_P3	Sheep serum	1	POS
PT2023CAPXSER_P4	Cattle serum	1	POS
PT2023CAPXSER_P5	Cattle serum	1	POS
PT2023CAPXSER_P6	Cattle serum	2	POS
PT2023CAPXSER_P7	Cattle serum	1	POS
PT2023CAPXSER_N1	Sheep serum	1	NEG
PT2023CAPXSER_N2	Cattle serum	1	NEG

(POS = positive; NEG = negative)

1.1.2 Randomisation

Since a specific number has been assigned to each laboratory, the randomisation has been performed as follows:

Sample ID: CAPXSER	97506	97600	97602	97604	97605	97606	97607	97608	97609	97610
23-1	P5	N2	P1	P5	P2	P4	P3	P6	N1	N2
23-2	P2	P6	P4	P2	P1	P6	P6	P6	P4	P6
23-3	P1	P1	P3	P6	P4	P2	P1	N2	P3	P3
23-4	P6	P3	N2	N1	P7	P6	P5	N1	P7	P1
23-5	P6	P5	N1	P4	N1	N1	P7	P2	P5	N1
23-6	N2	P4	P2	P1	P6	P5	N1	P4	P6	P4
23-7	N1	P6	P6	P7	P5	N2	P6	P7	N2	P5
23-8	P7	P7	P7	P3	P3	P7	P4	P5	P2	P6
23-9	P4	P2	P5	P6	N2	P3	N2	P3	P1	P7
23-10	P3	N1	P6	N2	P6	P1	P2	P1	P6	P2

Sample ID: CAPXSER	97611	97612	97613	97614	97615	97616	97617	97618	97619	97620
23-1	P7	P5	P6	P4	P5	P5	P2	P1	P4	P4
23-2	N2	P6	P7	P6	P1	P2	P4	P6	P6	N2
23-3	P3	N1	P5	P7	P4	P4	P3	N1	N2	P6
23-4	P6	P4	N2	P1	P7	P3	P7	P7	P5	P7
23-5	P6	P1	P1	N2	N2	N1	P6	N2	P6	P2
23-6	P1	P2	P6	N1	P3	N2	N2	P5	P2	P1
23-7	P4	P3	P3	P5	P6	P7	P5	P2	P1	N1
23-8	P2	N2	P4	P3	P6	P1	P1	P4	N1	P3
23-9	P5	P7	N1	P2	P2	P6	P6	P6	P7	P6
23-10	N1	P6	P2	P6	N1	P6	N1	P3	P3	P5

Sample ID: CAPXSER	97621	97622	97628	97629	97630	97631	97632	97634	97637	97642
23-1	P6	P5	P5	N2	P6	N1	P3	P3	P6	N1
23-2	P7	P2	P2	P1	P5	P5	P6	N1	P3	P3
23-3	P2	N1	P6	P5	P7	P1	N1	P6	P2	P2
23-4	P6	P1	P3	P2	P3	P4	P6	N2	P7	P6
23-5	P5	P6	P7	P6	P1	P3	P7	P5	P1	P7
23-6	N2	P4	P4	P7	N2	P7	P4	P6	N1	P4
23-7	N1	P3	N1	P3	N1	P6	P2	P7	P5	P1
23-8	P4	P6	P1	P4	P6	P2	P1	P2	P6	P5
23-9	P1	P7	P6	N1	P2	N2	N2	P4	P4	N2
23-10	P3	N2	N2	P6	P4	P6	P5	P1	N2	P6

Sample ID: CAPXSER	97643	97647
23-1	P1	N1
23-2	P6	N2
23-3	P4	P6
23-4	P7	P3
23-5	P3	P7
23-6	N2	P5
23-7	P2	P2
23-8	P5	P1
23-9	P6	P6
23-10	N1	P4

2. Virology

2.1 Virus stock and tissue suspension

2.1.1 The samples

The target values were determined by the NRL based on the homogeneity tests. The panel consisted of different of samples: 8 positive and 2 negative samples.

Sample ID	Matrix	Repetition	Status
PT2023CAPXVIR_TP1	Goat tissue	1	GTPV
PT2023CAPXVIR_TP2	Cattle tissue	1	LSDV Wild
PT2023CAPXVIR_TP3	Cattle tissue	1	LSDV Recombinant
PT2023CAPXVIR_TP4	Sheep tissue	1	SPPV Wild
PT2023CAPXVIR_TP5	Sheep tissue	1	SPPV Vaccine
PT2023CAPXVIR_TP6	Cattle tissue	1	LSDV Wild
PT2023CAPXVIR_BP1	Cattle blood	2	LSDV Wild
PT2023CAPXVIR_TN1	Cattle tissue	1	NEG
PT2023CAPXVIR_BN1	Cattle blood	1	NEG

(GTPV = goatpox virus; LSDV = lumpy skin disease virus; SPPV = sheeppox virus; NEG = negative)

2.1.2 Randomisation

Since a specific number has been assigned to each laboratory, the randomisation has been performed as follows:

Sample ID: CAPXVIR	97506	97600	97602	97603	97604	97605	97606	97607	97608	97609
23-1	BN1	BP1	TP3	BN1	TP5	TP1	TP6	TP1	BP1	TP5
23-2	TP2	TP6	TP6	BP1	TP2	BN1	TP3	BP1	TP6	TP4
23-3	TP4	TP1	TP4	TP4	BN1	TN1	TP5	TP4	TP1	TP6
23-4	TN1	TP3	BP1	BP1	TP4	BP1	BP1	TP5	BN1	BP1
23-5	TP3	TP2	BN1	TP3	TP3	TP4	TP1	TP6	BP1	TP3
23-6	TP1	BN1	BP1	TP6	TN1	TP3	TP4	TP2	TP5	TP2
23-7	BP1	TP4	TP5	TN1	TP1	TP2	TP2	BN1	TP4	TP1
23-8	BP1	TN1	TN1	TP5	BP1	TP6	TN1	BP1	TP2	BN1
23-9	TP6	BP1	TP2	TP1	TP6	TP5	BP1	TN1	TP3	TN1
23-10	TP5	TP5	TP1	TP2	BP1	BP1	BN1	TP3	TN1	BP1

Sample ID: CAPXVIR	97610	97611	97612	97613	97614	97616	97617	97618	97619	97620
23-1	TP3	BP1	TP3	TP6	BP1	TP6	BP1	TP2	TP4	TP3
23-2	TN1	TP5	TP1	TP3	TP1	TP1	BP1	BP1	TP2	BP1
23-3	BN1	TP3	TP5	BP1	TP2	TP4	TP3	BN1	TP6	TP6
23-4	TP2	TN1	BN1	TN1	TP4	BP1	TP5	BP1	TN1	TP4
23-5	TP5	TP4	BP1	TP4	TP5	TN1	TN1	TN1	TP3	TP2
23-6	BP1	BP1	TP2	TP1	BP1	BP1	TP2	TP3	BP1	TN1
23-7	BP1	TP1	TP4	BP1	TP6	TP2	TP6	TP4	TP5	BN1
23-8	TP6	TP2	TN1	TP2	TN1	BN1	TP1	TP5	BN1	TP1
23-9	TP1	BN1	TP6	TP5	TP3	TP3	BN1	TP1	TP1	BP1
23-10	TP4	TP6	BP1	BN1	BN1	TP5	TP4	TP6	BP1	TP5

Sample ID: CAPXVIR	97621	97622	97624	97630	97631	97632	97634	97636	97637	97642
23-1	TP3	BP1	BN1	TP6	TP6	BP1	TP5	TP3	BN1	TP5
23-2	TP6	BP1	TP1	BP1	TP2	TP4	TP6	TP6	TP4	TP3
23-3	TP5	TP3	BP1	BN1	TP4	TN1	BN1	TP5	TN1	TP1
23-4	TN1	TN1	TP5	TP2	TP3	TP3	TP2	BP1	TP1	TN1
23-5	BP1	BN1	TN1	TP4	TP1	TP2	TP3	TP1	BP1	TP2
23-6	BN1	TP5	TP3	TP3	BP1	BP1	TP4	TN1	TP3	TP4
23-7	BP1	TP4	TP4	TP5	BN1	TP5	TP1	BP1	TP6	BN1
23-8	TP1	TP1	BP1	TP1	BP1	BN1	BP1	TP2	TP5	TP6
23-9	TP4	TP2	TP6	BP1	TP5	TP1	TN1	BN1	BP1	BP1
23-10	TP2	TP6	TP2	TN1	TN1	TP6	BP1	TP4	TP2	BP1

Sample ID: CAPXVIR	97643	97647
23-1	TP3	TP6
23-2	TP6	BN1
23-3	TP2	TP4
23-4	TP5	TP2
23-5	BP1	TP1
23-6	BP1	BP1
23-7	BN1	BP1
23-8	TP4	TN1
23-9	TP1	TP5
23-10	TN1	TP3

END

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