

# Minutes of 16<sup>th</sup> meeting of the One Health Consortium

Venue: Virtual Mode

Date and time: 1<sup>st</sup> February 2022, 3.00-4.00 pm

## Attendees (in alphabetical order, by first name):

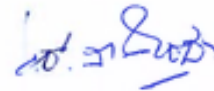
1. Dr. Azhahianambi PV, TANUVAS
2. Dr. Arun Kuman Rawat, NIAB
3. Dr. DhinakarRaj G, TANUVAS
4. Dr. Jasbir Bedi, GADVASU
5. Dr. Nagendra Hegde, NIAB
6. Dr. Subeer Majumdar, NIAB

## Minutes

1. Dr. Majumdar and Dr. Hegde initiated the proceedings on finalization of kits for surveillance in animals.
2. The tentatively finalized list from earlier meetings was discussed further, and it was decided that only one test would be used by all the centres. This was considering the prime objective of the project, a national level estimation of the prevalence of the selected diseases through surveillance, which is expected to not only provide country-wide data but also conform to international scrutiny of the methodology and the results. Recognizing that multiple centres will be carrying out the studies in their respective regions, and considering requirement for synergy and concordance of the results, it was recommended that a single kit from a single company be used for a single disease by all the centres.
3. Following discussions, it was decided that Drs. Azhahianambi and Jasbir Bedi would compile information on vendors/companies selling the kit, total number of samples for each disease, the cost per sample and the total cost for each disease, any issues with importation or lead time to obtain the kits etc., and provide the final recommendations within a week of the meeting. Following further work, recommendations were made as outlined in the appended Table
4. The meeting ended with vote of thanks.



(Dr. Subeer Majumdar)



(Dr. Nagendra Hegde)

## Alternatives (only in case of issues with the above mentioned kits)

1. TB: Tuberculin PPD skin test (PPD of M. tb and M. avium) SICCT (OID approved), Prionics (ThermoFisher)
2. Brucellosis: ID Screen Brucellosis Serum Indirect ELISA (multispecies) (BRUS-MS-5P), IDVet
3. JE: Pig JEV Ab ELISA kit (acx364908), Abbexa (Sn/Sp of 98.3% and 98.2% vs 100% each for Cusabio kit)
4. Q fever: VetLine Coxiella bovine Ab ELISA, NovaTec / EuroFins Scientific
5. Cysticercosis: aapDia Ag ELISA, aapDIA
6. CCHF: IDScreen CCHF double antigen multi-species (CCHFDA-2P or -5P), IDVet

7. Cryptosporidiosis: Cryptosporidium Ag test. 1 plate (strip) kit. P00605-1. IDEXX
8. LSD: None

for. 2/2/20

Recommendations on kits for surveillance in animals throughout the country

Disease	Animal Species	Name of kit	Samples	Manufacture	Dealer/ Supplier	Cost in INR	No. of samples	No. in Yr-1	Kits for Yr-1	Budget for in Yr-1
TB	Cattle, buffalo	<i>M. bovis</i> intradermal test	Skin test	IVRI	IVRI	60	3230	1550	155	9,300
	Wild Animals	Wild TB alert kit	Skin test	TANUVAS	TANUVAS					
Brucellosis	Cattle, sheep, goat, pig	Svanovir Brucella cELISA kit (multispecies)	Serum, plasma, milk (individual & pooled)	Svanova, Sweden	Harkrishan Enterprises Ltd.	56,105 (2 plates, 192 samples) 1,54,204 (10 plates)	3228	1500	18 4	10,09,890 6,16,816
	Multi-species	BruAlert-bELISA kit		TANUVAS	TANUVAS	4,500			36	1,62,000
JE	Multi-species	RBPT kit	Serum only	IVRI	IVRI	400			1	400
	Pig	Pig IgG ELISA Kit (CSB-EQ02720PI)	Serum only	Cusabio, USA	Harkrishan Enterprises Ltd.	40,000 (1 plate)	2389	1200	36	14,40,000
Q-fever	Cattle, sheep, goat	ID Q fever indirect Multispecies (FQS-MS-5P)	Serum, plasma, milk	idvet, France	Harkrishan Enterprises Ltd.	1,63,200 (5 plates, 480 samples)	4517	2000	7	11,42,400
Cysticercosis	Cattle, pig	Monoscreen Ag ELISA cysticercosis/sandwich, mono well (BIO K 364/2)	Serum	BIO-X Diagnostics, Belgium	Harkrishan Enterprises Ltd.	76,561.98 (2 plates)	2205	1100	18	13,78,098
	Sheep, goat	ZyDX CCHF ELISA Kit (IgG-ELISA)	Serum, plasma, blood filter paper	Zydus Cadila	Zydus Cadila	18,000 GST/48T				
CCHF	Cattle	ZyDX CCHF ELISA Kit (IgG-ELISA)		Zydus Cadila	Zydus Cadila	18,000 GST/48T	3695	1800		
	All species	Monoscreen Ag ELISA cryptosporidium/sandwich, double wells (BIO K 346/2)	Faeces	BIO-X Diagnostics, Belgium	Harkrishan Enterprises Ltd.	33,568.02 (2 Plates)	1161	600	19	6,37,792
Lumpy Skin Disease	Cattle	ID screen Capripox Double Antigen Multi species		IDVet, France	Harkrishan Enterprises Ltd.	1,30,000 (2 plates)				

*Rajiv Datta*

*H. S. Datta*