

Purchase of Research Requirements - 2024

Division of Bacteriology

Surveillance study on 'sanitizers and the level of usage in the poultry processing plants to minimize the food borne pathogen contamination.

S. no	Item	Quantity	Specifications	Bidder Response		If "No" Bidders Specification
				Yes	No	
1	Campylobacter Blood-Free	2	(500g) brands with EU standards Shelf life			
2	Campylobacter CCDA Selective	2	Powder , 500g brands with EU standards Shelf			
3	Peptone Water Base	1	Powder , 500g brands with EU standards Shelf life should be more than 2 years			
4	Xylose Lysine Deoxycholate (XLD)	1	Powder , 500g, brands with EU standards Shelf			
5	Rappaport Vassiliadis Soy (RVS) Broth	1	One vial,100 µMol			
6	CJF : 5' ACT TCT TTA TTG CTT GCT	1	One vial 100µMol			
7	CJR : 5' GCC ACA ACA AGT AAA	1	One vial 100µMol			
8	CCF: 5' GCT GCA CTT TTA AAT CCA	1	One vial 100µMol			
9	CCR: 5'CTT TGG TTT TAC AAT ATG	1	One vial 100µMol			
10	Pipette tips	5	volume 1-10 ul (Boxes), Autoclavable sterile,,			
11	Pipette tips	10	100-200 ul (Boxes), Autoclavable sterile,			
12	Pipette tips	10	1000ul (Boxes), Autoclavable, sterile,			
13	96 Well Micro Titer plates	4	Round Bottom, 96 well,clear polystyrene plate,			
14	Campygen sachet	10	Thermo scientific CN0025A (Oxoid) (10 in one			
15	Sodium hypochlorite solution	1	13440 500ml Sigma-Aldrich Sodium hypochlorite			

Chemical and media requirement for Curd starter culture project and AMR project

1	Lactobacillus MRS agar	4	European standards, two years shelf life, 500g			
2	BD LBS agar or Rogosa agar	1	European standards, two years shelf life, 500g			
3	M17 agar	4	European standards, two years shelf life, 500g			
4	Enterococcus selective agar with	2	European standards, two years shelf life, 500g			
5	Mannitol salt agar with supplement	2	European standards, two years shelf life, 500g			
6	Sorbitol MacConkey medium	1	European standards, two years shelf life, 500g			
7	16S-FA primer	1	100pmol/conventional PCR			
8	16S-RA	1	100pmol/conventional PCR			
9	<i>murE-F primer</i>	1	100pmol/conventional PCR			
10	<i>murE-R primer</i>	1	100pmol/conventional PCR			

Research Requirement 2024-Pathology Division-Coccidiosis project

1	OTUx primer OTU-Xf2	25nmol/vial	5' - GGGTAGAGCCAGGGGTAGAG -3'				
2	OTUx primer OTU-Xr2	25nmol/vial	5' - CGTAGTCCCAAGTGCCAACT -3'				
3	OTUy primer OTU-Yf1	25nmol/vial	5' - CAAGAAGTACACTACCACAGCATG -3'				
4	OTUy primer OTU-Yr1	25nmol/vial	5' - ACTGATTTTCAGGTCTAAAACGAAT -3'				
5	OTUz primer OTU-Zf1	25nmol/vial	5' - TATAGTTTCTTTTGC GCGTTGC -3'				
6	OTUz primer OTU-Zr1	25nmol/vial	5' - CATATCTCTTTCATGAACGAAAGG -3'				
7	QIAquick PCR purification kit - Qiagen	0 reactionsx	for 50 reactions ☒				
8	QIAamp fast DNA Stool mini kit(50)- Qiagen	0 reactionsx	For isolation of DNA from stool, for 50 reactions Spin column format☒				
9	Molecular agarose	250gx 1	suitable for molecular biology applications, 250g European/US brands only				
10	100bp DNA ladder	50µg/vialx	European/US brands only, 250µg/vial				
11	200bp DNA ladder	50µg/vialx	European/US brands only, 250µg/vial				

Research Requirement 2024-Pathology Division-Aquaculture project

1	dNTP	6	European/US brands only				
2	QIAGEN Blood & Tissue DNA extraction kit (50 reactions)	3	for 50 reactions ☒				
3	100bp DNA ladder	1	European/US brands only				
4	TCBS	500gx1	European/US brands only				
5	Micropipette tips 0.2-10 µl	3000	0.2-10µl				
6	Micropipette tips 20-200 µl	1000	20-200 µl				
7	Eppendorf tube	3000	0.25ml				
8	EDTA	100ml x3	molecular biology grade				
9	Agarose	500g x1	European/US brands only				
10	Tris	500g x1	molecular biology grade, European/US brands only				
11	Latex examination gloves, small	6 boxes					
12	Latex examination gloves, large	6 boxes					