

JENIS UJIAN MENGIKUT PENYAKIT DAN JENIS KERJA

PENYAKIT	JENIS KERJA										
	RUJUKAN	SALT	SURVELAN	VAKSIN	DIAGNOSTIK	MONITORING	PROGRAM KAWALAN	IMPOT DAN EKSPOT	R&D	PERGERAKAN HAIWAN	KAWALAN MUTU
AD	Viral isolation, PCR			Viral isolation, PCR							
Adenovirus				PCR	PCR, Isolation	Isolation, Serologi AGPT					
<i>Aeromonas sp.</i> <i>Alcaligenes sp.</i> <i>Micrococcus sp.</i> <i>Yersinia sp.</i> <i>Moraxella sp.</i> <i>Citrobacter sp.</i> <i>Actinomyces sp.</i> <i>Serratia sp.</i> <i>Shigella sp.</i> <i>Rhodococcus sp.</i> <i>Edwardsiella sp.</i> <i>Proteus sp.</i> <i>Branhamella sp.</i> <i>Flavobacterium sp.</i> <i>Chromobacterium sp.</i> <i>Pseudomonas sp.</i> <i>Enterobacter sp.</i>	Pengasingan Bakteria				Pengasingan Bakteria						
Aflatoxicosis					Aflatoxin						Aflatoxin
AHS				RT-PCR							
Anthrax					Pengasingan Bakteria						
ASF				PCR							
Aspergillosis					Pengasingan fungus	Pengasingan fungus			Pengasingan fungus		
Avian Encephalitis (AE)					RT-PCR Isolation	Isolation					
Avian Encephalomyelitis						Serologi AGPT					
Avian Influenza (AI)	RT-PCR, Real Time RT-PCR	Isolation	Isolation		RT-PCR, Isolation	RT-PCR, PCR, Isolation, Serologi HI	RT-PCR, Real Time RT-PCR	RT-PCR	RT-PCR, PCR		
Avian Leukosis Virus (ALV)	PCR				PCR	PCR			PCR		
Avian Salmonellosis						Antibody detection of					

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						avian Salmonella-SRPAT					
<i>Bacillus</i> sp.					Pengasingan Bakteria	Pengasingan Bakteria		Pengasingan Bakteria	Pengasingan Bakteria		
Blood parameter					Blood profile/ picture	Blood profile/ picture	Blood profile/ picture	Blood profile/ picture			
Blood parasites									Trapping flies		
Blood parasites/ protozoa					Wet blood film, Buffy coat examination, Thick blood smear, Thin blood smear	Wet blood film, Buffy coat examination, Thick blood smear, Thin blood smear	Wet blood film, Thick blood smear, Thin blood smear	Buffy coat examination, Thick blood smear, Thin blood smear		Buffy coat examination	
Blood parasites/ protozoa in tissues					Impression organ smear	Impression organ smear					
Blood parasites/ protozoa in tissues and brain					Squash organ smear	Squash organ smear					
Bovine Brucellosis			Complement Fixation Test (CFT)		Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)		Complement Fixation Test (CFT)	
Brucellosis	Pengasingan Bakteria, PCR		Rose Bengal Plate Test		Pengasingan Bakteria, PCR, Milk Ring Test	Rose Bengal Plate Test					
BSE	WB										
BTV	AGID, RT-PCR		AGID	Viral isolation, AGID, RT-PCR	AGID	AGID			AGID		
BVD	Viral isolation, RT-PCR		SNT	Viral isolation, RT-PCR	SNT	SNT			SNT		
CAE	AGID, PCR		AGID	AGID, PCR	AGID	AGID			AGID		
Caprine and Ovine Brucellosis			Complement Fixation Test (CFT)		Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	
Caseous Lymphadenitis			Agar Gel Immunodiffusion (AGID)		Agar Gel Immunodiffusion (AGID)	Agar Gel Immunodiffusion (AGID)	Agar Gel Immunodiffusion (AGID)		Agar Gel Immunodiffusion (AGID)	Agar Gel Immunodiffusion (AGID)	
Caseous lymphadenitis/ Corynebacterium	Pengasingan Bakteria				Pengasingan Bakteria						
CDV				RT-PCR							

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CE				PCR							
Chicken Anemia Virus (CAV)					PCR	PCR					
Clinical chemistry					Alanine aminotransferase, Aspartate aminotransferase, Alkaline phosphatase, Albumin, Ammonia, Amylase, Cholesterol, Creatinine, Creatine kinase, Gamma-glutamyltransferase, Glucose, Inorganic phosphate, Lactate dehydrogenase, Total bilirubin, Total protein, Triglycerides, Urea, Calcium, Magnesium, Potassium				Alanine aminotransferase, Aspartate aminotransferase, Alkaline phosphatase, Albumin, Ammonia, Amylase, Cholesterol, Creatinine, Creatine kinase, Gamma-glutamyltransferase, Glucose, Inorganic phosphate, Lactate dehydrogenase, Total bilirubin, Total protein, Triglycerides, Urea, Calcium, Magnesium, Potassium		
Clostridium					Pengasingan Bakteria						
Colibacillosis / <i>E.coli</i>	Serotyping				Serotyping, Pengasingan Bakteria	Serotyping, Pengasingan Bakteria		Pengasingan Bakteria	Pengasingan Bakteria		
Collection of L3									Fecal culture		
CPV				PCR							
CSF				Viral isolation, RT-PCR							
Derzy's					PCR						
Detection of trematode egg					Sedimentation method	Sedimentation method	Sedimentation method				
Duck Parvo					PCR	PCR			PCR		
Duck Viral Enteritis						Serologi AGPT					

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Duck Viral Hepatitis(DVH)	RT-PCR				RT-PCR, Isolation	Serologi AGPT, Isolation					
Egg Drop Syndromme (EDS)					RT-PCR, Isolation	Isolation, Serologi HI					
Egg Worm Count					McMaster method	McMaster method	McMaster method				
EHD				RT-PCR							
EHV				Viral isolation, PCR			SNT				
EIA							AGID				
EIV				RT-PCR							
FCoV				RT-PCR							
Feed quality						Dry matter, Crude protein, Crude fat, Crude fiber, Total ash, Calcium, Phosphorus			Dry matter, Crude protein, Crude fat, Crude fiber, Total ash, Calcium, Phosphorus		Dry matter, Crude protein, Crude fat, Crude fiber, Total ash, Calcium, Phosphorus
Fowl Pox (FP)					Isolation, PCR	Isolation, Serologi AGPT					
Glanders								Pengasingan Bakteria			
Helminthiasis					Floatation method, Endoparasites identification	Floatation method Endoparasites identification			Total worm count		
Helminthiasis, coccidiosis					Direct fecal examination	Direct fecal examination					
HS			ELISA		ELISA	ELISA	ELISA			ELISA	
IBR	Viral isolation, PCR		SNT	Viral isolation, PCR	SNT	SNT			SNT		
Infectious Bronchitis (IB)	RT-PCR				RT-PCR, Isolation	Isolation			RT-PCR		
Infectious Bursal Disease (IBD)	RT-PCR				RT-PCR, Isolation	Serologi AGPT, Isolation			RT-PCR		
Infectious Coryza	Isolation and identification of <i>Avibacterium paragallinarum</i>				Isolation and identification of <i>Avibacterium paragallinarum</i>						

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Infectious Laryngotracheitis (ILT)					PCR Isolation	Serologi AGPT, Isolation			PCR		
Intestinal protozoa parasites					Intestinal scrapping	Intestinal scrapping					
JE				Viral isolation RT-PCR							
Johne's	PCR		Complement Fixation Test (CFT)		Complement Fixation Test (CFT), Pengasingan Bakteria, PCR	Complement Fixation Test (CFT)	Complement Fixation Test (CFT)		Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	
Leptospirosis	Pengasingan Bakteria PCR		Microscopic Agglutination Test (MAT)		Pengasingan Bakteria, PCR, Microscopic Agglutination Test (MAT)	Microscopic Agglutination Test (MAT)	Microscopic Agglutination Test (MAT)			Microscopic Agglutination Test (MAT)	
Listeriosis					Pengasingan Bakteria						
Manhaemiosis				Pengasingan Bakteria	Pengasingan Bakteria						
Marek's	PCR				PCR						
Mastitis/ Staphylococcus					Pengasingan Bakteria						
MCF				PCR							
Melioidosis	Pengasingan Bakteria		Complement Fixation Test (CFT)		Pengasingan Bakteria, Complement Fixation Test (CFT)	Pengasingan Bakteria Complement Fixation Test (CFT)	Complement Fixation Test (CFT)		Complement Fixation Test (CFT)	Complement Fixation Test (CFT)	
Milk Meat water						Total Plate Count, Coliform Count, MPN Count KAV, <i>E.coli</i> Count KAV, Salmonella KAV EC O157 KAV			Total Plate Count Coliform Count MPN Count KAV <i>E.coli</i> Count KAV Salmonella KAV EC O157 KAV		
Milk quality											Total solids
Mycoplasmosis	Isolation and identification of Mycoplasma				Isolation and identification of Mycoplasma	Antibody detection of avian					

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						Salmonella-SRPAT					
Newcastle Disease (ND)	RT-PCR, Real Time RT-PCR	Isolation	Isolation	Serologi HI	RT-PCR, Isolation	RT-PCR, Isolation, Serologi HI	RT-PCR, Real Time RT-PCR	RT-PCR	RT-PCR		
Nipah			ELISA	RT-PCR				ELISA		ELISA	
Parasites / vector					Ectoparasites / flies identification	Ectoparasites / flies identification			Ectoparasites / flies identification		
Pasteurellosis	Pengasingan Bakteria Serotyping PCR			Pengasingan Bakteria Serotyping PCR	Pengasingan Bakteria Serotyping PCR						
PCV ₂	PCR			PCR							
PED				RT-PCR							
<i>Penicilium sp.</i> <i>Rhizopus sp.</i> <i>Mucor sp.</i> <i>Codesporium sp.</i> <i>Trichosporon sp.</i> <i>Yeast sp.</i> <i>Gliocladium sp.</i> <i>Trichosphyton sp.</i> <i>Rhizomucor sp.</i> <i>Geotricum sp.</i> <i>Chrysosporium sp.</i>					Pengasingan fungus	Pengasingan fungus			Pengasingan fungus		
Porcine pleuropneumonia	Antibody detection of avian Salmonella-SRPAT				Antibody detection of avian Salmonella-SRPAT						
PPR				RT-PCR							
PPV				PCR							
PRRS	Viral isolation RT-PCR			Viral isolation RT-PCR							
Q Fever	PCR				PCR	PCR					
Rabies	Rabies RT-PCR	Rabies	Rabies	Rabies RT-PCR	Rabies	Rabies	Rabies	Rabies	Rabies	Rabies	
Reovirus					RT-PCR Isolation	Isolation, Serologi AGPT			RT-PCR		
RV(A,B,C)				RT-PCR							

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Salmonellosis	Serotyping	Pengasingan Bakteria	Serum Agglutination Test		Pengasingan Bakteria Serotyping	Pengasingan Bakteria, Serotyping, Serum Agglutination Test		Pengasingan Bakteria		Pengasingan Bakteria Serum Agglutination Test	
SIV				RT-PCR							
Strangles					PCR	Pengasingan Bakteria		Pengasingan Bakteria			
<i>Streptococcus</i>					Pengasingan Bakteria						
Swollen Head Syndrome (SHS)	RT-PCR				RT-PCR	Serologi AGPT					
TGE	RT-PCR			RT-PCR							
Tuberculosis	Pengasingan Bakteria PCR				Pengasingan Bakteria PCR			PCR			
Vancomycin Resistant <i>Enterococcus</i> (VRE)					Pengasingan Bakteria						
Various diseases	PM, Histo, DNA Sequencing	PM, Histo	ELISA (bekalan kit), PM, Histo	ELISA, (bekalan kit), PM, Histo, DNA Sequencing	ELISA (bekalan kit), PM, Histo	ELISA, (bekalan kit), PM, Histo	ELISA, (bekalan kit), PM, Histo	ELISA, (bekalan kit), PM, Histo	ELISA, (bekalan kit), PM, Histo	ELISA, (bekalan kit), PM, Histo	
Viral diseases	Viral isolation			Viral isolation							
Water quality						Ammonia, Chloride, Chlorine, Copper, Iron, Nitrate, Sulfate, Zinc, pH					Ammonia, Chloride, Chlorine, Copper, Iron, Nitrate, Sulfate, Zinc, pH
WEE							SNT				