

Equine Quick Reference Test Guide

* = NEW TEST

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
EQUINE HEALTH PROGRAM (EHP)			
L510	Equine Health Program Equine Chemistry, CBC, Fibrinogen, EIA (AGID), FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L510E	Equine Health Program GVL Equine Chemistry, CBC, Fibrinogen, EIA (AGID) by GVL, FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L510NE	Equine Health Program (no EIA) Equine Chemistry, CBC, Fibrinogen, FEC (MST)	1.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-2 days
L511	Equine Health Program (ELISA) Equine Chemistry, CBC, Fibrinogen, EIA (ELISA), FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-3 days
L511E	Equine Health Program GVL (ELISA) Equine Chemistry, CBC, Fibrinogen, EIA (ELISA) by GVL, FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-3 days
L610	Equine Performance Horse Health Program Equine Performance Horse Chemistry, CBC, Fibrinogen, EIA (AGID), FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L610E	Equine Performance Horse Health Program GVL Equine Performance Horse Chemistry, CBC, Fibrinogen, EIA (AGID) by GVL, FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L610NE	Equine Performance Horse Health Program (no EIA) Equine Performance Horse Chemistry, CBC, Fibrinogen, FEC (MST)	1.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-2 days
L615	Equine Senior Health Program Equine Chemistry, CBC, Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), EIA (AGID), FEC (MST) See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	3.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days

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L615E	Equine Senior Health Program GVL Equine Chemistry, CBC, Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), EIA (AGID) by GVL, FEC (MST) See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	3.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L615NE	Equine Senior Health Program (no EIA) Equine Chemistry, CBC, Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), FEC (MST) See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-3 days
L615T	Equine Senior Health Program with TRH Equine Chemistry, CBC, Fibrinogen, ACTH TRH Stim Pre and Post (Equine), Insulin (Equine), EIA (AGID), FEC (MST) See L535, Page 6 and T470E, Page 7 for additional drawing instructions	3.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL PRE EDTA plasma, 1.0 mL POST EDTA plasma (Label both accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L110	Equine Infectious Anemia (EIA) AGID <ul style="list-style-type: none"> All blocks of the official form must be completed. Sample tube labeling must match official form by either horse's name or tube number EXACTLY. 	1.0 mL serum	2-3 days
L111	Equine Infectious Anemia (EIA) AGID by GVL Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	1.0 mL serum	2-3 days
L120	Equine Infectious Anemia (EIA) ELISA <ul style="list-style-type: none"> All blocks of the official form must be completed. Sample tube labeling must match official form by either horse's name or tube number EXACTLY. 	1.0 mL serum	1-3 days
L121	Equine Infectious Anemia (EIA) ELISA by GVL Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	1.0 mL serum	1-3 days
EQUINE CBC AND CHEMISTRY			
T332	CBC and Fibrinogen	1.0 mL EDTA whole blood with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
T365	Fibrinogen Quantitative	0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fill line	24 Hours
L070	Equine Inflammatory Profile CBC, Fibrinogen, Plasma Protein	1.0 mL EDTA whole blood with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-2 days
T415 Add-On Equivalent ADD290	PT and aPTT	0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fill line	24 hours

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
L010	Equine Chemistry T Prot, Alb, Glob, A/G, AST (SGOT), Alk Phos, GGT, T. Bili, D. Bili, BUN, Creat, BUN/Creat, Phos, Glu, Ca, NA, K, NA/K, Cl, Chol, Trig, CPK, LDH Recommended for all large animal patients except for Bovine (use code L1001)	0.5 mL serum	24 hours
L601	Equine Performance Horse Chemistry T. Prot, Alb, Glob, A/G, AST (SGOT), Alk Phos, GGT, BUN, Creat, BUN/Creat, NA, K, Cl, CPK	0.5 mL serum	24 hours
L050	Equine Chemistry, CBC	0.5 mL serum and 1.0 mL EDTA whole blood	24 hours
L040	Equine Chemistry, CBC, Fib Recommended for all large animal patients except for Bovine (use code L080)	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
L040R	Equine Chemistry, CBC, Fib (Recheck) Resubmission must be within 30 days of original accession and previous accession number must be referenced on the new request form.	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
L640	Equine Performance Horse Panel Equine Performance Horse Chemistry, CBC, Fibrinogen	1.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
L565	Equine Chemistry, CBC, Fib, T4, fT4 (ED)	2.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L035	Equine Chemistry, CBC, Fib, fT4(ED)	1.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days
L030	Equine Chemistry, CBC, Fib, T4	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
L290	Neonatal Foal Panel Equine Chemistry, CBC, Fibrinogen, Equine IgG Total	1.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-3 days
L090	Equine IgG Total Note: IgG testing is species specific (see Large Animal Section for all non-equine species)	0.5 mL serum OR 1.0 mL EDTA plasma	1-2 days
L225	Equine Hepatic Screen T Prot, Alb, Glob, AST (SGOT), Alk Phos, GGT, T. Bili, D. Bili, I. Bili, BUN, NA, K, Cl, LDH	0.5 mL serum	24 hours
L230	Equine Hepatic Panel Equine Hepatic Screen, Bile Acids	1.0 mL serum	1-2 days
T225	Bile Acids	0.5 mL serum	1-2 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
L1025	Equine Hepatic Profile Equine Hepatic Screen, Bile Acids, SDH See T250, Page 4 for additional drawing instructions.	1.5 mL serum AND 0.5 mL cold or frozen serum (for SDH testing)	1-2 days
T250	Sorbital Dehydrogenase (SDH) Note: Submit sample within 24 hrs of draw	0.5 mL cold or frozen serum	1-2 days
L240	Equine Renal Screen T Prot, Alb, BUN, Creat, Phos, Glu, Ca, NA, K, Cl	0.5 mL serum	24 hours
L275	Equine Muscle Enzyme Screen AST (SGOT), CPK	0.5 mL serum	24 hours
L280	Equine Muscle Enzyme Screen, CBC, Fib CBC, AST (SGOT), CPK, Fibrinogen	1.0 mL of serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
L190	Equine Rhabdomyolysis Screen AST (SGOT), BUN, Creat, Phos, Ca, NA, K, Cl, CPK, LDH	0.5 mL serum	24 hours
T240	Protein Electrophoresis (Serum) T Prot, Alb, Glob, Alpha 1, Alpha 2, Beta 1, Gamma 1, fractional assessment with interpretation	0.5 mL serum	2-4 days
Add-On Equivalent ADD130			
S1680	Equine Pre-Purchase Drug Screen Drug Screen (performed at TVMDL) includes: <ul style="list-style-type: none"> • Corticosteroids (LC/MS): Betamethasone, dexamethasone, methylprednisolone, prednisolone, prednisone and triamcinolone acetonide • NSAIDs: Acetaminophen, acetylsalicylic acid, carprofen, celecoxib, deracoxib, diclofenac, diflunisal, eltenac, ethacrynic acid, etodolac, fenbufen, fenoprofen, firocoxib, flufenamic acid, flunixin, flurbiprofen, ibuprofen, indomethacin, indoprofen, ketoprofen, ketorolac, meclofenamic acid, mefenamic acid, meloxicam, nabumetone, naproxen, oxyphenbutazone, phenylbutazone, piroxicam, salicyclic acid, tenoxicam, tolfenamic acid and tolmetin • Tranquilizers: Acepromazine, fluphenazine, fluoxetine, guanabenz, reserpine and romifidine • Muscle relaxant: Methocarbamol 	10 mL urine (preferred) OR 5.0 mL serum (acceptable)	7-10 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
EQUINE URINE			
T760	Urinalysis-Complete	6.0 mL urine	24 hours
Add-On Equivalent ADD220			
L340	Fractional Excretion of Electrolytes <ul style="list-style-type: none"> Serum: Calcium, Chloride, Creatinine, Phosphorus, Sodium, Potassium Urine: Calcium, Chloride, Creatinine, Phosphorus, Sodium, Potassium 	1.0 mL serum AND 1.0 mL urine (Label accordingly) Serum and urine MUST be drawn and submitted TOGETHER	24 hours
EQUINE FECAL			
T826	FEC: Modified Stoll's Technique (MST) <i>Strongyle</i> sp. and <i>Parascaris</i> sp. ova (EPG) performed by Modified Stoll's Technique and qualitative ID of all other parasites. Lowest detection limit is 2 EPG .	10 grams feces (refrigerate and tested within 72 hours of collection)	1-2 days
T828	FEC: McMasters Method (Large Animal) <i>Strongyle</i> sp. and <i>Parascaris</i> sp. ova (EPG) performed by McMaster's Method (MM) and qualitative ID of all other parasites. Lowest detection limit is 100 EPG .	10 grams feces (refrigerate and tested within 72 hours of collection)	1-2 days
L86181	Clostridium Difficile Toxins A/B See L950, Page 9 Equine Gastrointestinal PCR Panel for additional testing options	5 grams feces	1-2 days
T16007	Clostridium Perfringens Enterotoxin See L950, Page 9 Equine Gastrointestinal PCR Panel for additional testing options	5 grams feces (send on ice)	1-2 days
M160	Culture, Feces <i>Salmonella</i> spp., <i>Shigella</i> spp., and <i>Campylobacter</i> spp. See L950, Page 9 Equine Gastrointestinal PCR Panel for additional testing options	5 grams feces	3-4 days
M121	Culture, Salmonella Note: Negative <i>Salmonella</i> spp. culture result does not rule out <i>Salmonella</i> spp. Five-day serial submissions are recommended.	5 grams of feces (samples may be collected a minimum of 12 hours apart but should be submitted within 48 hours of collection)	3-4 days
L496	Acute Diarrhea Panel Fecal Culture, <i>Clostridium perfringens</i> enterotoxin, <i>Clostridium difficile</i> toxins A/B	10 grams feces	2-4 days
L492	Foal Diarrhea Panel FEC (MST), Fecal Culture, <i>Clostridium perfringens</i> enterotoxin, <i>Clostridium difficile</i> toxins A/B	10 grams feces	2-4 days
L420	Chronic Diarrhea Panel Equine Chemistry, CBC, Fibrinogen, FEC (MST), Fecal Culture, <i>Clostridium perfringens</i> enterotoxin, <i>Clostridium difficile</i> toxins A/B	1.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-4 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
EQUINE ENDOCRINOLOGY			
T495 Add-On Equivalent ADD190	T4	0.5 mL serum	24 hours
T460 Add-On Equivalent ADD50	Free T4 by Equilibrium Dialysis Note: Test will NOT be performed as an add-on to samples older than 5 days.	0.5 mL serum	2-3 days
SA370	Thyroid Profile 2 Total T4, Free T4 by Equilibrium Dialysis	1.0 mL serum	1-3 days
L590	TRH Stimulation for Thyroid Function T3 (Baseline), T4 (Baseline), T3 (2-hr Post TRH), T4 (4-hr Post TRH) Sample Handling <ul style="list-style-type: none">• Draw baseline serum sample• Administer 1 mg of TRH IV• Draw 2-hour post serum sample• Draw 4-hour post serum sample	0.5 mL PRE serum, 0.5 mL 2-hr POST serum, 4-hr POST serum. (Label accordingly)	1-2 days
L500	PPID Monitoring Panel Equine Chemistry, CBC, Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), T4 See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	1.0 mL serum, 1.0 mL EDTA whole blood, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-2 days
L500TRH	PPID Monitoring Panel with ACTH TRH Stim Equine Chemistry, CBC, Fibrinogen, ACTH TRH Stim Pre and Post (Equine), Insulin (Equine), T4 See L535, Page 6 and T470E, Page 7 for additional drawing instructions.	1.0 mL serum, 1.0 mL EDTA whole blood, 1.0 mL EDTA PRE plasma, 1.0 mL EDTA POST plasma (Label both accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-2 days
L560	PPID Monitoring Panel with fT4 (ED) Equine Chemistry, CBC, Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), T4, Free T4 by Equilibrium Dialysis See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	2.0 mL serum, 1.0 mL EDTA whole blood, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	1-3 days
L525	ACTH Endogenous (Equine) Sample Handling <ul style="list-style-type: none">• 12-hour fast with one flake of hay left in the stall• Draw sample with EDTA whole blood• Spin and transfer plasma to non-additive tube (lab will not run on whole blood)• Send on ice	1.0 mL plasma (Label accordingly)	1-2 days
L535	ACTH TRH Stim Pre and Post (Equine) Recommended if results from L525 were previously normal but disease is still strongly suspected. See L525, Page 6 and L525P, Page 6 for additional drawing instructions.	1.0 mL PRE plasma AND 1.0 mL POST plasma (Label BOTH accordingly)	1-2 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
L525P*	ACTH TRH Stim Post (Equine) Sample Handling <ul style="list-style-type: none"> • 12-hour fast with one flake of hay left in the stall • Administer 1 mg of TRH • Draw sample at exactly 10 min post with EDTA whole blood • Spin and transfer plasma (lab will not run on whole blood) • Send on ice 	1.0 mL POST plasma (Label accordingly)	1-2 days
L580	ACTH TRH Stim Pre and Post, Insulin, Glucose (Equine) See L535, Page 6 and T470E, Page 7 for additional drawing instructions.	1.0 mL serum, 1.0 mL PRE plasma AND 1.0 mL POST plasma (Label ALL accordingly)	1-2 days
L540	ACTH Endogenous, Insulin, Glucose (Equine) See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	0.5 mL serum AND 1.0 mL plasma (Label BOTH accordingly)	1-2 days
L575	ACTH Endogenous, Insulin, Glucose, Leptin (Equine) See L525, Page 6 and T470E, Page 7 for additional drawing instructions.	0.5 mL serum, 2.0 mL serum (send on ice), AND 1.0 mL plasma (Label ALL accordingly)	1-10 days
T470E	Insulin, Glucose (Equine) – Baseline Sample Handling <ul style="list-style-type: none"> • 12-hour fast with one flake of hay left in the stall overnight OR a 6 hour fast prior to blood draw • Draw PRE sample in non-additive tube or serum separator tube and spin <p>If baseline results are normal but Insulin Dysregulation (ID) is strongly suspected, an Oral Sugar Test (OST) is recommended. See code L545, Page 8.</p>	0.5 mL serum (Label accordingly)	1-2 days
T470ET*	Insulin, Glucose, Triglycerides (Equine) See T470E, Page 7 for additional drawing instructions.	1.0 mL serum	1-2 days
T470EP*	Insulin, Glucose Postprandial (Equine) Sample Handling <ul style="list-style-type: none"> • 3-6 hour fast; then feed diet for testing purposes (indicate diet given on the form) • Draw POST sample at 60-90 min post feed in or serum separator tube and spin 	1.0 mL POST serum (Label accordingly)	1-2 days
T470EPP*	Insulin, Glucose Pre and Postprandial (Equine) Insulin, Glucose (Equine) and Insulin, Glucose Postprandial (Equine) Sample Handling <ul style="list-style-type: none"> • 3-6 hour fast • Draw PRE sample in or serum separator tube and spin • Feed diet for testing purposes (indicate diet given on the form) • Draw POST sample at 60-90 min post feed in or serum separator tube and spin 	1.0 mL PRE serum AND 1.0 mL POST serum (Label BOTH accordingly)	1-2 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
L545*	Oral Sugar Test Pre and Post Insulin, Glucose (Equine) and Insulin, Glucose Post Syrup (Equine) Sample Handling <ul style="list-style-type: none"> 12-hour fast with one flake of hay left in the stall overnight OR a 6 hour fast prior to blood draw Draw PRE sample in or serum separator tube and spin Administer 0.15 mL/kg or 0.45 mL/kg corn syrup (see EEG guidelines) Draw POST sample at 60 to 90 min in or serum separator tube and spin 	1.0 mL PRE serum AND 1.0 mL POST serum (Label BOTH accordingly)	1-2 days
L545P*	Oral Sugar Test Post (Only) Insulin, Glucose Post Syrup (Equine) Sample Handling <ul style="list-style-type: none"> 12-hour fast with one flake of hay left in the stall overnight OR a 6 hour fast Administer 0.15 mL/kg or 0.45 mL/kg corn syrup (see EEG guidelines) Draw POST sample at 60 to 90 min in or serum separator tube and spin 	1.0 mL POST serum (Label accordingly)	1-2 days
S14402	Leptin (Equine)	2.0 mL serum (send on ice)	7-9 days
S14464*	Adiponectin (Equine) Send out test to New Bolton Center	1.0 mL serum	3-5 days
EQUINE NEUROLOGY			
S14388	EPM SAG 2,4/3 ELISA	1.0 mL serum OR 1.0 mL CSF in non-additive tube (Label accordingly)	3-5 days
S14390	EPM SAG 2,4/3 ELISA Serum/CSF Ratio Note: Both serum AND CSF MUST be submitted together.	1.0 mL serum AND 1.0 mL CSF in non-additive tube (Label BOTH accordingly)	3-5 days
S14392	EPM SAG 2,4/3 ELISA, N hughesi ELISA	1.0 mL serum OR 1.0 mL CSF in non-additive tube (Label accordingly)	4-8 days
S14533*	EPM IFAT Panel Sarcofluor IFAT, Neofluor IFAT	2.0 mL serum in non-additive tube (do NOT use serum separator tube) OR 2.0 mL CSF in non-additive tube	7-10 days
S14534*	EPM IFAT Panel with Ratio Sarcofluor IFAT, Neofluor IFAT, EPM IFAT Ratio	2.0 mL serum in non-additive tube (do NOT use serum separator tube) AND 2.0 mL CSF in non-additive tube (Label accordingly)	7-10 days
S16275	Equine Encephalitis Viral Panel EEE, WEE, VEE (PRNT) and EEE (IgM Capture ELISA)	1.0 mL serum	10-14 days
S17500	Equine Encephalitis Viral Panel Plus Equine Encephalitis Viral Panel, West Nile Titer (PRNT & IgM ELISA), Equine Herpes Virus (EHV1) Ab	3.0 mL serum	10-14 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
S14477	Equine Comprehensive Neurological Panel Equine Encephalitis Viral Panel, EPM SAG 2,4/3 ELISA, West Nile Titer (PRNT & IgM ELISA), Equine Herpes Virus 1 (EHV1) PCR	3.0 mL serum AND one or more of the following: 5.0 mL EDTA whole blood, 5.0 mL nasal wash in non-additive tube, nasal swab in non-additive tube without media	5-14 days
S85448	West Nile Titer (PRNT & IgM ELISA)	1.0 mL serum	7-14 days
EQUINE PCR			
L950	Equine Gastrointestinal PCR Panel <i>C. difficile</i> A & B, <i>C. perfringens</i> , <i>C. perfringens</i> toxin A, NetF, Equine Coronavirus (ECoV), <i>Lawsonia intracellularis</i> , <i>Neorickettsia risticii</i> (PHF), Equine Rotavirus A&B, and <i>Salmonella</i> spp. Note: Single negative <i>Salmonella</i> spp. PCR result does NOT rule out <i>Salmonella</i> spp. Three (3) serial submissions are recommended (use code S14416 for sample 2 and/or sample 3).	5 grams of feces	4-5 days
L960	Equine PCR Respiratory Panel <i>Streptococcus equi</i> , <i>Streptococcus zoo.</i> , <i>Rhodococcus equi</i> , Equine Herpes Virus 1 (EHV1), Equine Herpes Virus 4 (EHV4), Equine Influenza Virus (EIV), Equine Rhinitis Virus A and B (ERAV & ERBV)	Transtracheal wash, bronchoalveolar lavage, guttural pouch wash, nasal swab in non-additive tube without media or respiratory tract tissue	4-5 days
L965	Equine PCR FUO Panel <ul style="list-style-type: none">Swab: <i>Streptococcus equi</i>, Equine Herpes Virus 1, Equine Herpes Virus 4, Equine Influenza Virus, Equine Rhinitis Virus A & BEDTA whole blood: Equine Herpes Virus-1, <i>Anaplasma phagocytophilum</i>, <i>N. risticii</i> (PHF)Fecal: <i>Neorickettsia risticii</i> (PHF), Coronavirus (ECoV)	1.0 mL EDTA whole blood, nasal swab in non-additive tube without media , AND 5 grams of feces	4-5 days
L970	Equine PCR FUO Mini <ul style="list-style-type: none">EDTA whole blood: Equine Herpes Virus-1, <i>Anaplasma phagocytophilum</i>, <i>N. risticii</i> (PHF)Fecal: <i>Neorickettsia risticii</i> (PHF), Coronavirus (ECoV)	1.0 mL EDTA whole blood AND 5 grams of feces	4-5 days
S14421	<i>Anaplasma Phagocytophilum</i> PCR (Equine)	1.0 mL EDTA whole blood	3-5 days
S14414	Equine Coronavirus PCR (ECoV)	5 grams of feces	4-5 days
S14394	Equine Herpes Virus 1 (EHV1) PCR	One or more of the following: 5.0 mL EDTA whole blood, 5.0 mL nasal wash in non-additive tube, nasal swab in non-additive tube without media	3-5 days
L978	Equine <i>Leptospira</i> PCR Blood/Urine	0.5 mL EDTA whole blood AND 2.0 mL of urine	3-5 days
S14479	<i>Neorickettsia risticii</i> (PHF) PCR	1.0 mL EDTA whole blood AND/OR 5 grams of feces	4-5 days
S14396	<i>Rhodococcus equi</i> PCR	One or more of the following: Transtracheal wash, bronchoalveolar lavage, nasal swab in non-additive tube without media	4-5 days

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T983	Equine Ringworm PCR Panel <i>Microsporum</i> spp., <i>M. equinum/canis</i> , <i>M. gypseum</i> , <i>Trichophyton</i> spp., <i>T. equinum/mentagrophytes</i>	Minimum 10 plucked hair with roots, skin scraping, OR tooth brush sample in sterile, dry container free of liquids or preservatives	1-5 days
T987	Equine Ringworm PCR with Dermatophyte Culture	Minimum 10 plucked hair with roots, skin scraping, OR tooth brush sample in sterile, dry container free of liquids or preservatives	1-21 days
S14416	Salmonella spp. PCR Note: Single negative <i>Salmonella</i> spp. PCR result does not rule out <i>Salmonella</i> spp. Three (3) serial submissions are recommended.	5 grams of feces (Multiple days should be submitted separately but within 72 hours of collection and marked by date of collection)	4-5 days
S86308	Streptococcus equi equi PCR	One or more of the following: 5.0 mL nasal wash in non-additive tube, 5.0 mL guttural pouch wash in non-additive tube, pharyngeal swab in non-additive tube without media	4-5 days
EQUINE MARE REPRODUCTION			
S16295	Estradiol Recommended for testing if after 120 days post-breeding	1.0 mL serum	7-10 days
S16300	Estrone Sulfate (Equine) Recommended for testing if after 100 days post-breeding	1.0 mL serum	7-10 days
S16635	Pregnant Mare Serum Gonadotropin (PMSG) Recommended for testing at day 45-120 post breeding	2.0 mL serum	7-9 days
L140	Progesterone	0.5 mL serum in non-additive tube (do NOT use SST)	1-2 days
L460	Progesterone, PMSG (Equine)	2.5 mL serum in non-additive tube (do NOT use SST)	1-9 days
L470	Progesterone, Estradiol (Equine)	1.5 mL serum in non-additive tube (do NOT use SST)	1-10 days
L480	Progesterone, PMSG, Estradiol (Equine)	3.5 mL serum in non-additive tube (do NOT use SST)	1-10 days
EQUINE MARE REPRODUCTION – GRANULOSA CELL TUMOR TESTING			
S85857	Equine Granulosa Cell Tumor Progesterone, Testosterone, Inhibin (Equine)	3.0 mL serum in non-additive tube (do NOT use SST)	2-21 days
S4131	Inhibin (Equine)	1.0 mL serum	2-3 weeks
S14320	Anti-Mullerian Hormone (Equine)	1.0 mL serum	3-8 days
EQUINE STALLION/GELDING REPRODUCTION			
S16760	Testosterone	0.5 mL serum	3-5 days
SEMEN	Semen Analysis Sperm Count (Total Volume and pH), with Cytologic Evaluation	2.0 mL semen (fresh or extended) in lavender top tube	1-2 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
EQUINE STALLION/GELDING REPRODUCTION – CRYPTORCHID TESTING			
T971*	Testosterone Cryptorchid Panel (2 Sample) Sample Handling <ul style="list-style-type: none"> Draw sample in non-additive tube or serum separator tube and spin Administer 10,000 IU of HCG IV (2,500 IU of HCG IV for mini-horses) Draw sample at 2-hr post serum in non-additive tube or serum separator tube and spin 	0.5 mL serum for PRE , 0.5 mL serum for POST (Label BOTH accordingly)	
S85530	Testosterone Cryptorchid Panel (4 Sample) Pre, 20-min post, 1-hr post, 2-hr post HCG Sample Handling <ul style="list-style-type: none"> Draw sample in non-additive tube or serum separator tube and spin Administer 10,000 IU of HCG (2,500 IU of HCG for mini-horses) Draw sample at 20-min post, 1-hour post and 2-hr post serum in non-additive tubes or serum separator tubes and spin 	0.5 mL serum for PRE and each POST sample (Label ALL accordingly with TIME)	3–5 days
S16300	Estrone Sulfate (Equine) Recommended after 3 years of age	1.0 mL serum	7–10 days
S14320	Anti-Mullerian Hormone (Equine) Recommended before 3 years of age	1.0 mL serum	3–8 days
EQUINE MICROBIOLOGY			
M020	Culture, Aerobic	Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, skin, tissue (at least 2 cm x 2 cm) in sterile air tight container with saline, OR environmental sample (label BOTH the sample and form with source) Samples collected with EDTA are NOT acceptable	3–4 days
M020REPR*	Culture, Aerobic (Reproduction)	Culturette from uterus (endometrium)	3–4 days
M220	Culture, Aerobic (Enhanced Fluid) Note: If submitting multiple joints, should be submitted separately as different requests in different bags.	Fluid in BD Bactec Blood Culture Bottle (BCB) (label BOTH the BCB bottle and form with source)	3–4 days
M060	Culture, Aerobic (Blood) Recommended when bacteremia with an aerobic organism is suspected.	Whole blood collected in BD Bactec Blood Culture Bottle (BCB) (must be put in the BCB before sending to the laboratory)	3–5 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
M030	Culture, Anaerobic	Anaerobic culturette of fluid (body cavity fluids), TTW or BAL, wound, lesion. Tissue sample (at least 2 cm x 2 cm) in sterile air tight container with saline (label BOTH the sample and form with source) Samples collected with EDTA are NOT acceptable	3–5 days
M040	Culture, Aerobic and Anaerobic See M020 and M030 for additional drawing instructions and acceptable specimens	Aerobic culturette and anaerobic culturette (label BOTH the sample and form with source) Samples collected with EDTA are NOT acceptable	3–5 days
M080	Culture, Fungal If Ringworm is suspected, use code T983 or T987 .	One or more of the following: Dry hair, nails, skin scraping, body fluid, lesion material collected in a sterile non-additive tube, Copan swab (label BOTH the sample and form with source)	3 weeks
M130 Add-On Equivalent ADD210	Culture, Urine	0.5 mL urine by cystocentesis, clean catch or catheterized (label BOTH the sample and form with source)	1–3 days
EQUINE PATHOLOGY			
CYTO	Cytology	Air-dried, unstained slides (include source and clinical history)	1–3 days
CYTOREPR*	Cytology (Reproduction)	Two or more air-dried slides prepared fresh from uterine swab at time of collection Uterine swabs in or out of media are NOT an acceptable sample and will NOT be tested	1–3 days
FLUA	Fluid Analysis Includes Cell Count, Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist Recommended test for the evaluation of fluids from a cavity or tissue space.	1.0 mL body fluid in lavender top tube or non-additive tube with or without 2 unstained smears prepared from fluid (include source and clinical history)	1–3 days
CSF	Fluid Analysis (CSF) Includes CSF Cell Count, Specific Gravity, Protein & Glucose measurement, and microscopic interpretation by clinical pathologist	1.0 mL CSF in lavender top tube or non-additive tube (include clinical history)	1–3 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
SYFLUA	Fluid Analysis (Synovial) Includes Color, Clarity, Synovial Fluid Cell Count, Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist Note: If submitting multiple joints, should be submitted separately as different requests in different bags.	1.0 mL synovial fluid in lavender top tube (include clinical history)	1-3 days
TTW	Airway Wash	1.0 mL airway wash fluid in lavender top tube or non-additive tube AND/OR 2 or more air-dried, unstained slides prepared from fluid (include source and clinical history)	2-4 days
FBX	Histopathology	Tissue in 10% formalin in Antech approved container with screw-on lid (include source and clinical history)	3-5 days
EQUINE INDIVIDUAL TESTS			
S17027	Allercept™ Equine Panel Comprehensive 91-allergen equine panel including grasses, weeds, trees, mites, epithelials, biting flies and insects, fleas, yeast, and fungi. Quantitative IgE antibody test results. Immunotherapy recommendations based on patient history and location of clinic. If primary location of patient is different, please include zip code of patient. View complete allergen list at antechdiagnostics.com/allergen-panels		4-5 business days
S14466	Equine 11 Metal & Mineral Panel <ul style="list-style-type: none"> Serum: Cobalt, Copper, Iron, Manganese, Molybdenum, Selenium, Zinc EDTA Whole Blood: Arsenic, Cadmium, Lead, Thallium Serum provides current-day level. Whole blood provides status over time.	1.0 mL serum AND 1.0 mL EDTA whole blood	5-10 days
S16285	Equine Viral Arteritis (EVA)	1.0 mL serum	7-10 days
S16510	Leptospirosis <i>L. pomona</i> , <i>L. icterohemorrhagiae</i> , <i>L. canicola</i> , <i>L. grippotyphosa</i> , <i>L. hardjo</i> , <i>L. autumnalis</i> , <i>L. bratislava</i>	1.0 mL serum	3-5 days
T672	Lyme Multiplex (Equine)	0.5 mL serum	5-10 days
S16848	Piroplasmosis (Equine) <i>Theileria (Babesia) equi</i> , <i>Babesia caballi</i>	2.0 mL serum	10-12 days
S16740	<i>Streptococcus equi</i> SeM ELISA	1.0 mL serum	7-10 days
S16850	Vitamin E Sample Handling <ul style="list-style-type: none"> Serum needs to be in covered container to prevent exposure to light Patient age MUST be provided 	1.0 mL spun serum	7-10 days
S17505	Vitamin E, Selenium See S16850 for additional drawing instructions	1.5 mL spun serum	7-10 days

CODE	TEST NAME DESCRIPTION COMPONENTS	SPECIMEN	TAT**
LARGE ANIMAL CBC AND CHEMISTRY			
T332	CBC and Fibrinogen	1.0 mL EDTA whole blood with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
L1001	Ruminant Chemistry Equine Chemistry, Magnesium	0.5 mL serum	24 hours
L080	Ruminant Chemistry, CBC, Fib	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen)	24 hours
S16035	Anaplasma CF (Bovine)	2.0 mL serum	5-10 days
S16124	Babesia Bovis	1.0 mL serum	7-10 days
T785	Baermann Recommended to detect lungworm larvae in fecal samples	10 grams feces	2-4 days
S14456	Bovine Herpes Virus	1.0 mL serum (send on ice)	5-7 days
S16844	Bovine Viral Diarrhea (BVD) ELISA	1.0 mL of serum from precolostral newborn calves or calves older than three months are suitable for testing. Ear notches from animals of all ages may also be tested	7-10 days
S86551	Bovine Viral Diarrhea (BVD) PCR	2.0 mL EDTA whole blood, fresh tissue, semen, or milk in non-additive tube	7-10 days
S16145	Caprine Arthritis Encephalitis (CAE)	1.0 mL serum	7-10 days
S16425	IgG Bovine	1.0 mL serum	7-10 days
S16430	IgG Llama	1.0 mL serum	2-3 days
S16302	Johne's Disease Antibody Recommended for whole herd screening	1.0 mL serum	5-7 days
T805	Ova and Parasite	5 grams feces (refrigerate and tested within 48 hours of collection)	1-2 days

Support Services

	M – F	SAT	SUN
Equine Reference Labs Customer Support 800-872-1001, Dial 4	5 a.m. – 9 p.m. PT 8 a.m. – Midnight ET	5 a.m. – 5 p.m. PT 8 a.m. – 8 p.m. ET	6 a.m. – 3 p.m. PT 9 a.m. – 6 p.m. ET