

**Sanford Laboratories - Tests with Reflex Criteria**

Test/Protocol ID	Test/Protocol Name	Reflexes To:	Laboratory	Reflex Criteria
BLOD0339T2	HLA B27 Typing	HLA A, B, OR C Single Locus Typing [BLOD1356T2]	Fargo - Transplant	HLA-B27 [23765] Result is Detected or Not Detected
BLOD0519T2	SYPHILIS IGG AND IGM ANTIBODY WITH REFLEX TO SUPPLEMENTAL TESTING	Syphilis Serology [BLOD0647T]	Bismarck; Fargo-Broadway; SMC-Sioux Falls; Worthington	SYPHILIS IGG AND IGM INTERP [20715] Result is Reactive
BLOD0626T	RHEUMATOID FACTOR SCREEN	RHEUMATOID FACTOR QUANT [BLOD0627T]	Vermillion, SD	RHEUM FACT QUAL [5726] Result is Positive
BLOD0647T	SYPHILIS SEROLOGY	Syphilis Serology Titer [LABS0443T]	Fargo-Broadway; SMC-Sioux Falls	RPR (SYPHILIS) [4655] Result is Reactive
		TREPONEMA PALLIDUM AB TPPA [BLOD0495T5]	Fargo-Broadway	RPR (SYPHILIS) [4655] Result is Nonreactive
		TREPONEMA PALLIDUM ANTIBODY TPPA [BLOD0495T4]	SMC-Sioux Falls	RPR (SYPHILIS) [4655] Result is Nonreactive
BLOD0649T	HEP B CORE REFLX TO IGM	Hepatitis B Core IgM AB [BLOD0132T2]	Bismarck; SMC-Sioux Falls	HEP B TOTAL CORE ANTIBODY INTERP [8698] Result is Reactive
BLOD0670T	DILUTE RUSSELL VIPER VENOM TIME	DRVV Confirm [LABS0126T]	SMC-Sioux Falls	DRVV RATIO [1367] Result is >=1.21
BLOD0670T2	DILUTE RUSSELL VIPER VENOM TIME	DRVV Confirm [LABS0126T]	Fargo-Broadway	DRVV TIME [1370] Result is >=43.1
BLOD0676T2	HIV SCREEN REFLEX TO CONFIRM	HIV ANTIBODY DIFFERENTIATION [LABS5113T3]	Bemidji; Bismarck; Fargo-Broadway; SMC-Sioux Falls; Worthington, MN	HIV 1 AG HIV 1/2 AB [16633] Result is Presumptive evidence of HIV antigen or antibodies: Please see Antibody Differentiation or HIV 1 Qualitative NAT for confirmation. [4]
BLOD0676T6	HIV SCREEN REFLEX TO CONFIRM	HIV ANTIBODY DIFFERENTIATION [LABS5113T3]	Aberdeen, SD; Chamberlain, SD	HIV ANTIGEN (P24) [18238] Result is Presumptive evidence of HIV antigen or antibodies: Please see Antibody Differentiation or HIV 1 Qualitative NAT for confirmation. [4] <b>OR</b> HIV 1/2 ANTIBODY [18237] Result is Presumptive evidence of HIV antigen or antibodies: Please see Antibody Differentiation or HIV 1 Qualitative NAT for confirmation. [4]
BLOD0679T6	HEPATITIS B SURFACE ANTIGEN	HBSAG Neutralization [LABS0076T]	Aberdeen, SD; Bemidji; Bismarck; Fargo-Broadway; Rapid City, SD; SMC-Sioux Falls; Worthington, MN	HBsAg Interp [17102] Result is See Neutralization Result [2] or Sent for Neutralization [3]
BLOD0683T	CRYPTOCOCCUS ANTIGEN SCREEN	Crypto Antigen Titer [LABS0053T]	Bismarck; Fargo-Amber Valley; XRL	CRYPTOCOCCAL AG [1221] Result is Positive [2] <b>AND</b> CRYPTOCOCCAL AG KIT CONTROL [18448] Result is Acceptable [1]
BLOD0773T	ANTI NUCLEAR AB SCREEN REFLEX	ANTINUCLEAR AB TITER [BLOD0774T]	XRL	ANA SCREEN EIA [4657] Result is Positive
BLOD0773T3	ANTI NUCLEAR AB SCREEN REFLEX	DNA Double-Stranded Antibody, IgG [BLOD0775T]	Fargo-Broadway	ANA SCREEN EIA [17096] Result is Positive: Specimen sent for Autoantibody Panel [4] <b>AND</b> ANA SCREEN QUANT [8258] Result is >=1.00 <b>OR</b> ANA SCREEN EIA [17096] Result is Negative: Reflex requested by physician. [8]
		Centromere AB [BLOD0123T2]		
		Ab to Extractable Nuclear Ag Evaluation [BLOD1382T2]		
BLOD0778T5	LYME DISEASE ANTIBODY REFLEX TO CONFIRMATION	Lyme Disease WB [BLOD0786T]	XRL	LYME DISEASE INTERP [25358] Result is Reactive [2] or Equivocal [3]
BLOD0850T5	LIPID PANEL	LDL Direct [BLOD0781T]	Dickinson East, ND	TRIGLYCERIDE [3981] Result is 401-20,000
BLOD1159T	SYPHILIS SEROLOGY WITH CONFIRMATION	TREPONEMA PALLIDUM ANTIBODY TPPA [BLOD0495T4]	Aberdeen, SD	RPR (SYPHILIS) [4655] Result is Reactive [2]
BLOD1162T	INR, FINGERSTICK	PROTIME [BLOD0669T]	Canton, SD; Rock Rapids, IA; Parkers Prairie, MN	INR [2337] Result is >4.50
BLOD1162T2	INR, FINGERSTICK	PROTIME [BLOD0669T]	<b>Iowa Laboratories:</b> Sheldon	INR [14313] Result is >4.5
BLOD1162T2	INR, FINGERSTICK	PROTIME [BLOD0669T] or PROTIME [BLOD0669T3]	<b>Minnesota Laboratories:</b> Bagley Clinic; Bagley Medical Center; Bemidji-1611 Anne Street; Bemidji-Main Clinic; Blackduck; Cass Lake; Clearbrook; Detroit Lakes; East Grand Forks-621 DeMers Avenue; East Grand Forks-929 Central Avenue; Halstad; Hawley; Jackson; Kelliher; Lakefield; Mahanomen; Mountain Lake; Park Rapids; Pelican Rapids; Thief River Falls; Tracy; Twin Falls; Twin Valley; Ulen; Walker; Windom	INR [14313] Result is >4.5
BLOD1162T2	INR, FINGERSTICK	PROTIME [BLOD0669T]	<b>Nebraska Laboratories:</b> Ponca	INR [14313] Result is >4.5
BLOD1162T2	INR, FINGERSTICK	PROTIME [BLOD0669T]	<b>North Dakota Laboratories:</b> Bismarck; Bismarck Int Ave; Bismarck Northern Sky; Bismarck South; Bismarck State Street; Devils Lake; Dickinson East; Dickinson West; Edgeley; Ellendale; Enderlin; Fargo-South University; Finley; Forman; Grand Forks; Gwinner; Hillsboro; Jamestown 2nd Avenue; Lamoure; Lidgerwood; Lisbon; Mandan-East; Mandan-North; Mayville; Minot; Minot Northwest; Oakes; Valley City	INR [14313] Result is >4.5

BLOD1162T2	INR, FINGERSTICK	PROTIME [BLOD069T]	<b>South Dakota Laboratories:</b> 26th & Sycamore-SF; 32nd & Ellis-SF; 69th & Minnesota-SF; Aberdeen; Brandon; Brookings; Clark; Harrisburg; Hartford; Ipswich; Mitchell; Pierre	INR [14313] Result is >4.5
BLOD1200T4	HEP C ANTIBODY REFLEX TO QUANTITATIVE CONFIRMATION	HEP C VIRUS RNA, NAT MONITORING [BLOD0343T3]	Aberdeen, SD; Bemidji; Bismarck; Fargo-Broadway; SMC-Sioux Falls; Worthington, MN	HEPATITIS C ANTIBODY INTERPRETATION [6882] Result is Reactive [2], Equivocal [3]
BLOD1204T	SYPHILIS RPR SEROLOGY REFLEX TO TITER FOR MONITORING AND CONGENITAL TESTING	Syphilis Serology Titer [LABS0443T]	Fargo-Broadway; SMC-Sioux Falls	RPR (SYPHILIS) [4655] Result is Reactive [2]
BLOD1362T2	CYTOPLASMIC NEUTROPHILIC ANTIBODIES REFLEX TO TITER	ANCA TITER [LABS0598T]	XRL	ANCA SCREEN [21380] Result is Positive [2]
BLOD1379T	FERRITIN, DIALYSIS-REFLEX TO IRON/TIBC	Iron and TIBC [BLOD0973T]	Aberdeen, SD; Bemidji; Bismarck; Fargo-Broadway; Rapid City, SD; SMC-Sioux Falls; Worthington, MN	FERRITIN [1584] Result is 0-1,200
BLOD1399T	HIV 1,2 ANTIBODY, HIV 1 ANTIGEN-EXPOSURE WITH CONFIRMATION	HIV ANTIBODY DIFFERENTIATION [LABS5113T3]	Aberdeen, SD	HIV ANTIGEN (P24) [18238] Result is Prelim Reactive [2] <b>OR</b> HIV 1/2 ANTIBODY [18237] Result is Prelim Reactive [2]
		HIV-1 RNA QUANTITATIVE, NAT [BLOD1428T2]	Worthington, MN	HIV ANTIGEN (P24) [18238] Result is Prelim Reactive [2]
BLOD1409T	PERIPHERAL BLOOD SMEAR EXAMINATION	Peripheral Blood Smear Path Interp [PATH1007T]	Bismarck; Bemidji; Fargo-Broadway; Fargo-SMCF; Fargo-South University; SMC-Sioux Falls	PERIPHERAL SMEAR EXAMINATION [12383] Result is Peripheral Smear sent to Pathology [1]
BLOD1482T	ACTIVATED PROTEIN C REFLEX TO FACTOR V LEIDEN	FACTOR V LEIDEN MUT [BLOD0379T2]	SMC-Sioux Falls	APCR INTERP [415] Result is Activated Protein C Resistance Ratio is ABNORMAL [2]
BLOD1515T	PEANUT ALLERGEN REFLEX TO COMPONENTS	Food: Peanut Allergen Component Panel [BLOD1516T2]	XRL	FOOD: PEANUT QUANT [3082] Result is >=0.10
BLOD1517T	MILK (COWS) ALLERGEN REFLEX TO COMPONENTS	FOOD: MILK ALLERGEN COMPONENT PANEL [BLOD1518T]	XRL	FOOD: MILK QUANT [2752] Result is >=0.35
BLOD1519T	EGG WHITE ALLERGEN REFLEX TO COMPONENTS	FOOD: EGG WHITE ALLERGEN COMPONENT PANEL [BLOD1520T]	XRL	FOOD: EGG WHITE QUANT [1423] Result is >=0.35
BLOD1530T	CELIAC SCREEN WITH REFLEX TO TTG, IGG	IgA [BLOD0613T]	XRL	Result is <0.5
		Tissue Transglut IgG Ab [BLOD1107T3]		
BLOD1531T2	HEP A TOTAL AB REFLEX TO HEP A AB IGM	HEP A ANTIBODY IGM [BLOD0581T3]	XRL	HEPATITIS A, TOTAL AB INDEX [13730] Result is >=1.00
BLOD1537T	INTRAUTERINE PERIPHERAL BLOOD SMEAR EXAMINATION	Peripheral Blood Smear Path Interp [PATH1007T]	Bemidji; Fargo-Broadway; Fargo-SMCF; Fargo-South University; SMC-Sioux Falls	PERIPHERAL SMEAR EXAMINATION [12383] Result is Peripheral Smear sent to Pathology [1]
BLOD1541T	BRAZIL NUT ALLERGEN REFLEX TO COMPONENT	FOOD: BRAZIL NUT ALLERGEN COMPONENT PANEL [BLOD1542T]	XRL	FOOD: BRAZIL NUT QUANT [5407] Result is >=0.35
BLOD1543T	CASHEW NUT ALLERGEN REFLEX TO COMPONENT	FOOD: CASHEW NUT ALLERGEN COMPONENT PANEL [BLOD1544T]	XRL	FOOD: CASHEW NUT QUANT [5212] Result is >=0.35
BLOD1545T	HAZELNUT ALLERGEN REFLEX TO COMPONENTS	FOOD: HAZELNUT ALLERGEN COMPONENT PANEL [BLOD1546T]	XRL	FOOD: HAZELNUT QUANT [5275] Result is >=0.35
BLOD1547T	SOYBEAN ALLERGEN REFLEX TO COMPONENTS	FOOD: SOY ALLERGEN COMPONENT PANEL [BLOD1548T]	XRL	FOOD: SOYBEAN QUANT [3726] Result is >=0.35
BLOD1549T	WALNUT ALLERGEN REFLEX TO COMPONENTS	FOOD: WALNUT ALLERGEN COMPONENT PANEL [BLOD1550T]	XRL	FOOD: WALNUT QUANT [4185] Result is >=0.35
BLOD1563T	LIPID PANEL FASTING	LDL Direct [BLOD0781T]	Dickinson East, ND	TRIGLYCERIDE [3981] Result is 401-20,000
BLOD1568T	LACTIC ACID REFLEX TO REPEAT	Lactic Acid Repeat [LABS0808T]	<b>Iowa Laboratories:</b> Sheldon <b>Minnesota Laboratories:</b> Bagley; Bemidji; Canby; Jackson; Luverne; Mahanomen; Thief River Falls; Tracy; Westbrook; Wheaton; Worthington <b>North Dakota Laboratories:</b> Bismarck; Fargo-Broadway; Fargo-SMCF; Hillsboro; Mayville <b>South Dakota Laboratories:</b> Aberdeen; Canton; Chamberlain; Clear Lake; SMC-Sioux Falls; Vermillion; Webster	LACTIC ACID [2418] Result is >2.0
BLOD1575T	VITAMIN B12 REFLEX TO METHYLMALONIC ACID	Methylmalonic Acid [BLOD0103T]	Aberdeen, SD; Bemidji; Bismarck; Fargo-Broadway; Rapid City, SD; SMC-Sioux Falls; Worthington, MN	VITAMIN B12 [4132] Result is <300
BLOD1596T	PSA, TOTAL WITH REFLEX TO FREE PSA	FREE PSA AND RATIO [LABS0574T2]	Fargo-Broadway	PSA TOTAL [17087] Result is 4.00-10.00

BLOD1659T4	HEP C ANTIBODY REFLEX TO QUALITATIVE CONFIRMATION	HEPATITIS C RNA QUALITATIVE, NAT [LABS0989T2]	Aberdeen, SD; Bemidji; Bismarck; Fargo-Broadway; SMC-Sioux Falls; Worthington, MN	HEPATITIS C ANTIBODY INTERPRETATION [6882] Result is Reactive [2], Equivocal [3]
BLOD5001T4	OB TYPE AND SCREEN - PRENATAL	Antibody ID [BLOD0922T4]	Aberdeen; Jackson	ANTIBODY SCREEN [385] Result is Positive [2]
BLOD5004T	APTT REFLEX TO HEPARIN NEUTRALIZATION	APTT POST HEPARIN NEUTRALIZATION [LABS0614T]	Fargo-Broadway; Fargo-SMCF	APTT [14312] Result is >=38.1
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Jackson, MN	TSH [4652] Result is <0.35
		Free T4 [BLOD0596T]		TSH [4652] Result is >4.94
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Mahnommen, MN	TSH [4652] Result is <0.40
		Free T4 [BLOD0596T]		TSH [4652] Result is >5.00
BLOD5008T2	TSH REFLEX	Free T4 [BLOD0596T]	Wheaton, MN	TSH [4652] Result is <0.36 <b>OR</b> TSH [4652] Result is >3.74
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Iowa Laboratories: Sheldon	TSH [4652] Result is <0.73 for Ages 0-6 Months
				TSH [4652] Result is <0.70 for Ages 6 Months-14 Years
				TSH [4652] Result is <0.47 for Ages 14-19 Years
				TSH [4652] Result is <0.35 for Ages 19-151 Years
				TSH [4652] Result is >4.77 for Ages 0-6 Months
				TSH [4652] Result is >4.17 for Ages 6 Month-14 Years
				TSH [4652] Result is >3.41 for Ages 14-19 Years
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Minnesota Laboratories: Bagley; Bemidji; Canby; Jackson; Thief River Falls; Tracy; Worthington	TSH [4652] Result is >4.94 for Ages 19-151 Years
				TSH [4652] Result is <0.73 for Ages 0-6 Months
				TSH [4652] Result is <0.70 for Ages 6 Months-14 Years
				TSH [4652] Result is <0.47 for Ages 14-19 Years
				TSH [4652] Result is <0.35 for Ages 19-151 Years
				TSH [4652] Result is >4.77 for Ages 0-6 Months
				TSH [4652] Result is >4.17 for Ages 6 Month-14 Years
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	North Dakota Laboratories: Bismarck; Dickinson; Fargo-Broadway; Fargo-SMCF; Hillsboro;	TSH [4652] Result is >3.41 for Ages 14-19 Years
				TSH [4652] Result is >4.94 for Ages 19-151 Years
				TSH [4652] Result is <0.73 for Ages 0-6 Months
				TSH [4652] Result is <0.70 for Ages 6 Months-14 Years
				TSH [4652] Result is <0.47 for Ages 14-19 Years
				TSH [4652] Result is <0.35 for Ages 19-151 Years
				TSH [4652] Result is >4.77 for Ages 0-6 Months
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	South Dakota Laboratories: Aberdeen; Canton; Rapid City; SMC-Sioux Falls; Vermillion; Webster	TSH [4652] Result is >4.17 for Ages 6 Month-14 Years
				TSH [4652] Result is >3.41 for Ages 14-19 Years
				TSH [4652] Result is >4.94 for Ages 19-151 Years
				TSH [4652] Result is <0.73 for Ages 0-6 Months
				TSH [4652] Result is <0.70 for Ages 6 Months-14 Years
				TSH [4652] Result is <0.47 for Ages 14-19 Years
				TSH [4652] Result is <0.35 for Ages 19-151 Years
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Bemidji; Fargo-Broadway; Fargo-SMCF;	TSH [4652] Result is <0.40
		Free T4 [BLOD0596T]		TSH [4652] Result is >5.00
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Thief River Falls, MN	TSH [4652] Result is <0.36
		Free T4 [BLOD0596T]		TSH [4652] Result is >3.74
BLOD5008T2	TSH REFLEX	Free T4 [LABS5029T]	Hillsboro, ND	TSH [4652] Result is <0.35

LABS0257T25	LO UA MICRO REF CULTURE	Urine Culture [MICR0013T2]	SMC-Sioux Falls; Westbrook, MN	WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>AND</b> Nitrite [24706] Result is Positive [2] <b>OR</b> WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Nitrite [24706] Result is Positive [2]
LABS0650T	LAB ONLY-HIV 1,2 ANTIBODY, 1 ANTIGEN-WITH CONFIRMATION	HIV ANTIBODY DIFFERENTIATION [LABS5113T3]	Aberdeen, SD; Bagley, MN	HIV ANTIGEN (P24) [18238] Result is Presumptive evidence of HIV antigen or antibodies: Please see Antibody Differentiation or HIV 1 Qualitative NAT for confirmation. [4] <b>OR</b> HIV 1/2 ANTIBODY [18237] Result is Presumptive evidence of HIV antigen or antibodies: Please see Antibody Differentiation or HIV 1 Qualitative NAT for confirmation. [4]
LABS0698T25	UA MICROSCOPIC REFLEX	Urine Culture [MICR0013T2]	<b>Iowa Laboratories:</b> Rock Rapids; Sheldon	WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Nitrite [24706] Result is Positive [2]
LABS0698T25	UA MICROSCOPIC REFLEX	Urine Culture [MICR0013T2]	<b>Minnesota Laboratories:</b> Adrian; Bagley; Bemidji; Bemidji Main Clinic; Bemidji 1611; Blackduck; Canby; Detroit Lakes; East Grand Forks; East Grand Forks-929 Central; East Grand Forks-621 Demers; Jackson; Lakefield; Luverne; Mahnomen; Moorhead; Mountain Lake; Park Rapids; Parkers Prairie; Pelican Rapids; Thief River Falls; Tracy; Walker; Westbrook; Wheaton; Windom; Worthington; Worthington Clinic;	WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Nitrite [24706] Result is Positive [2]
LABS0698T25	UA MICROSCOPIC REFLEX	Urine Culture [MICR0013T2]	<b>North Dakota Laboratories:</b> Bismarck; Bismarck Int Ave; Bismarck Northern Sky; Bismarck South; Bismarck State Street; Bismarck; Devils Lake; Dickinson East; Dickinson West; Grand Forks; Hillsboro; Jamestown 2nd Ave; Fargo-Broadway; Fargo-Childrens Southwest; Fargo-North; Fargo-SMCF; Fargo-Southpointe; Fargo-South University; Fargo-Veterans Square; Fargo-West; Mandan East; Mandan North; Mayville; Minot Walkin; Minot Northwest; Oakes; Valley City; Whapeton	WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Nitrite [24706] Result is Positive [2]
LABS0698T25	UA MICROSCOPIC REFLEX	Urine Culture [MICR0013T2]	<b>South Dakota Laboratories:</b> 26th & Sycamore-SF; 32nd & Ellis-SF; 34th & Kiwanis-SF; 4th & Sycamore-SF; 49th & Oxbow-SF; 69th & Louise-SF; 69th & Minnesota-SF; Aberdeen; Beresord; Brandon; Brookings; Canton; Chamberlain; Clear Lake; Harrisburg; Hartford; Ipswich; Mitchell; Oncology-SF; Pierre; Plaza-SF; Rapid City; SMC-Sioux Falls; Sports Complex-SF; Vermillion; Watertown; Webster	WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> WBC Urine [24710] Result is 6-10 /hpf [3], 11-20 /hpf [4], 21-50 /hpf [5], >50 /hpf [6] <b>AND</b> Nitrite [24706] Result is Positive [2]
LABS0981T	LAB ONLY-QUANTIFERON MITOGEN (PURPLE)	LAB ONLY-QUANTIFERON (REFERENCE LAB) [LABS0984T]	XRL	RESULT TYPE [42] is Standard [0] - All results reflex
LABS5029T	LAB ONLY FT4 REFLEX TO FT3	FREE T3 [BL0D0600T]	Aberdeen, SD; Bemidji; Bismarck; Fargo-Broadway; Rapid City, SD; SMC-Sioux Falls; Thief River Falls, MN; Worthington, MN	T4 FREE [4653] Result is 0.0-1.5

LABS5113T3	LAB ONLY - HIV ANTIBODY DIFFERENTIATION	HIV-1 RNA, QUALITATIVE NAT [BLOD1558T]	Fargo-Broadway	HIV-1/HIV-2 ANTIBODY DIFFERENTIATION [22926] Result is HIV Antibody Negative Specimen referred for HIV-1 RNA NAT Testing [1], HIV-1 Indeterminate Specimen referred for HIV-1 RNA NAT Testing [4], HIV-2 Indeterminate Specimen referred for HIV-1 RNA NAT Testing [5], HIV Indeterminate Specimen referred for HIV-1 RNA NAT Testing [6]
MICR0013T2	CULTURE BACTERIAL, URINE	Gram Negative Suscept [SUSC0001T2]	XRL	ORGANISM MORPHOLOGY [6738] Result is Gram negative [6] <b>AND</b> ISOLATED? [8030] Result is Yes [2]
NBLD0196T25	UA DIP REFLEX TO MICROSCOPIC	UA Microscopic [NBLD0198T25]	<b>Iowa Laboratories:</b> Rock Rapids; Sheldon	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0196T25	UA DIP REFLEX TO MICROSCOPIC	UA Microscopic [NBLD0198T25]	<b>Minnesota Laboratories:</b> Adrian; Bagley; Bagley Clinic; Bismarck; Bismarck Childrens North; Bismarck Downtown Walkin; Blackduck; Canby; Cass Lake; Clearbrook; Detroit Lakes; East Grand Forks; East Grand Forks-929 Central; East Grand Forks-621 Demers; Hawley; Jackson; Kelliher; Lakefield; Luverne; Mahnomem; Moorhead; Mountain Lake; Park Rapids; Parkers Prairie; Pelican Rapids; Thief River Falls; Tracy; Walker; Westbrook; Wheaton; Windom; Worthington; Worthington Clinic;	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0196T25	UA DIP REFLEX TO MICROSCOPIC	UA Microscopic [NBLD0198T25]	<b>North Dakota Laboratories:</b> Bemidji; Bemidji Main Clinic; Bemidji 1611; Bismarck; Bismarck Int Ave; Bismarck Northern Sky; Bismarck South; Bismarck State Street; Devils Lake; Dickinson East; Dickinson West; Ellendale; Fargo-Broadway; Fargo-Childrens Southwest; Fargo-North; Fargo-SMCF; Fargo-South University; Fargo-Southpointe; Fargo-Veterans Square; Fargo-West; Finley; Forman; Grand Forks; Gwinner; Hillsboro; Lamoure; Jamestown 2nd Ave; Lidgerwood; Lisbon; Mandan East; Mandan North; Mayville; Minot Walkin; Minot Northwest; Oakes; Valley City; Whapeton	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
			<b>South Dakota Laboratories:</b> 26th & Sycamore-SF; 32nd & Ellis-SF; 34th & Kiwanis-SF; 4th & Sycamore-SF; 49th & Oxbow-SF; 69th & Louise-SF; 69th & Minnesota-SF; Aberdeen; Beresford; Brandon; Brookings; Canton; Chamberlain; Clark; Clear Lake; Harrisburg; Hartford; Ipswich; Mitchell; Oncology-SF; Pierre; Plaza-SF; Rapid City; SMC-Sioux Falls; Vermillion; Watertown; Webster	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]

NBLD0334T	CRYPTOCOCCUS AG SCREEN, CSF	Crypto Antigen Titer [LABS0053T]	Bismarck; Fargo-Amber Valley; XRL	CRYPTOCOCCAL AG CSF [5977] Result is Positive [2] <b>AND</b> CRYPTOCOCCAL AG KIT CONTROL [18448] Result is Acceptable [1]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	Urine Culture [MICR0013T2]	<b>Iowa Laboratories:</b> Rock Rapids; Sheldon	Nitrite [24706] Result is Positive [2] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	Urine Culture [MICR0013T2]	<b>Minnesota Laboratories:</b> Adrian; Bagley; Bagley Clinic; Bemidji; Bemidji Main Clinic; Bemidji 1611; Blackduck; Canby; Cass Lake; Clearbrook; Detroit Lakes; East Grand Forks-929 Central; East Grand Forks-621 Demers; Halstad; Hawley; Jackson; Kelliher; Lakefield; Luverne; Mahnomon; Mountain Lake; Park Rapids; Parkers Prairie; Pelican Rapids; Thief River Falls; Tracy; Twin Valley; Ulen; Walker; Westbrook; Wheaton; Wheaton Clinic; Windom; Worthington; Worthington Clinic	Nitrite [24706] Result is Positive [2] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	Urine Culture [MICR0013T2]	<b>Nebraska Laboratories: Ponca</b>	Nitrite [24706] Result is Positive [2] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	Urine Culture [MICR0013T2]	<b>North Dakota Laboratories:</b> Bismarck; Bismarck Childrens North; Bismarck Childrens Southwest; Bismarck Int Ave; Bismarck Northern Sky; Bismarck South; Bismarck State Street; Bismarck Downtown Walkin; Devils Lake; Dickinson; Dickinson East; Edgeley; Ellendale; Enderlin; Fargo-Broadway; Fargo-North; Fargo-SMCF; Fargo-Southpointe; Fargo-South University; Fargo-Veterans Square; Fargo-West; Finley; Forman; Grand Forks; Gwinner; Hillsboro; Jamestown 2nd Ave; Lamoure; Lidgerwood; Lisbon; Mandan East; Mandan North; Mayville; Minot; Minot Northwest; Moorhead; Oakes; Valley City; Whapeton	Nitrite [24706] Result is Positive [2] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	Urine Culture [MICR0013T2]	<b>South Dakota Laboratories:</b> 26th & Sycamore-SF; 32nd & Ellis-SF; 34th & Kiwanis-SF; 4th & Sycamore-SF; 49th & Oxbow-SF; 69th & Louise-SF; 69th & Minnesota-SF; Aberdeen; Acute Care Phillips Ave-SF; Beresford; Brandon; Brookings; Canton; Chamberlain; Clark; Clear Lake; Harrisburg; Hartford; Ipswich; Mitchell; Oncology-SF; Pierre; Plaza-SF; Rapid City; SMC-Sioux Falls; Sports Complex-SF; Vermillion; Watertown; Webster	Nitrite [24706] Result is Positive [2] <b>AND</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	UA Microscopic [LABS0698T25]	<b>Iowa Laboratories:</b> Rock Rapids; Sheldon	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]

NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	UA Microscopic [LABS0698T25]	<b>Minnesota Laboratories:</b> Adrian; Bagley; Bagley Clinic; Bemidji; Bemidji Main Clinic; Bemidji 1611; Blackduck; Canby; Cass Lake; Clearbrook; Detroit Lakes; East Grand Forks; East Grand Forks 929 Central; East Grand Forks 621 Demers; Halstad; Hawley; Jackson; Kelliher; Lakefield; Luverne; Mahnomon; Moorhead; Mountain Lake; Park Rapids; Parkers Prairie; Pelican Rapids; Thief River Falls; Tracy; Twin Valley; Ulen; Walker; Westbrook; Wheaton; Windom; Worthington; Worthington Clinic	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	UA Microscopic [LABS0698T25]	<b>Nebraska Laboratories:</b> Ponca	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0461T25	URINE DIP, REFLEX TO MICROSCOPIC, REFLEX TO CULTURE	UA Microscopic [LABS0698T25]	<b>North Dakota Laboratories:</b> Bismarck; Bismarck Childrens North; Bismarck Downtown Wakin; Bismarck Int Ave; Bismarck Northern Sky; Bismarck South; Bismarck State Street; Devils Lake; Dickinson East; Edgeley; Ellendale; Enderlin; Fargo Broadway; Fargo Children's Southwest; Fargo North; Fargo-SMCF; Fargo South University; Fargo Southpointe; Fargo-Veterans Square; Fargo West; Finley; Forman; Grand Forks; Gwinner; Hillsboro; Jamestown 2nd Ave; Lamoure; Lidgerwood; Lisbon; Mandan East; Mandan North; Mayville; Minot; Minot Northwest; Oakes; Valley City; Whapeton; Wheaton	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
			<b>South Dakota Laboratories:</b> 26th & Sycamore-SF; 32nd & Ellis-SF; 34th & Kiwanis-SF; 4th & Sycamore-SF; 49th & Oxbow-SF; 69th & Louise-SF; 69th & Minnesota-SF; Aberdeen; Acute Care 10th & Phillips-SF; Beresford; Brandon; Brookings; Canton; Chamberlain; Clark; Clear Lake; Harrisburg; Hartford; Ipswich; Mitchell; Oncology-SF; Pierre; Plaza-SF; Rapid City; SMC-Sioux Falls; Vermillion; Sports Complex-SF; Watertown; Webster	Protein Urine [24704] Result is Trace (10-20) mg/dL [2], 30 mg/dL [6], 50 mg/dL [7], 70 mg/dL [8], 100 mg/dL [9], 200 mg/dL [10], >= 300 mg/dL [11] <b>OR</b> Blood Urine [24702] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Leukocyte Esterase Urine [24707] Result is Trace [2], Small (1+) [3], Moderate (2+) [4], Large (3+) [5] <b>OR</b> Nitrite [24706] Result is Positive [2] <b>OR</b> Color Urine [24696] Result is Bright Orange [12]
NBLD0511T	COMPREHENSIVE ENTERIC PATHOGEN PANEL, NAD	Culture, Shigella [LABS0672T]	XRL	SHIGELLA/ENTEROINVASIVE E. COLI (EIEC) [19191] Result is Detected [2] for Ages 0-365 Days SHIGELLA/ENTEROINVASIVE E. COLI (EIEC) [19191] Result is Detected [2] for Ages 365 Days-36 Months SHIGELLA/ENTEROINVASIVE E. COLI (EIEC) [19191] Result is Detected [2] for Ages 36 Months-150 Years
NBLD0516T	BASIC ENTERIC PATHOGEN PANEL, NAD	Culture, Salmonella [LABS0671T]	XRL	SALMONELLA [19205] Result is Detected [2]
		Culture, Shigella [LABS0672T]	Fargo-Amber Valley; XRL	SHIGELLA [19233] Result is Detected [2]

NBLD0532T2	INFLUENZA A/B RAPID, REFLEX TO CONFIRMATION	INFLUENZA A/B NUCLEIC ACID DETECTION [NBLD0381G]	Acute Care 10th & Phillips-SF; Bagley, MN; Ponca, NE	INFLUENZA A [23696] Result is Presumptive Negative [1] <b>AND</b> INFLUENZA B [23697] Result is Presumptive Negative [1] <b>AND</b> PROCEDURAL KIT CONTROL INFLUENZA A/B [6704] Result is Acceptable [1]
NBLD0536T	MENINGITIS/ENCEPHALITIS PANEL, NAD	Organism Ident [LABS0215T2]	Bemidji; Bismarck; Fargo-Amber Valley; XRL	CRYPTOCOCCUS NEOFORMANS/GATTII [19892] Result is Detected [2]
NBLD0564	CLOSTRIDIODES DIFFICILE BY NAAT WITH REFLEX TO TOXIN A/B	Clostridioides Difficile Toxin A/B [NBLD0224]	<b>Iowa Laboratories:</b> Sheldon; Sidney; <b>Minnesota Laboratories:</b> Bemidji; Jackson; Thief River Falls; Worthington <b>North Dakota Laboratories:</b> Bismarck; Fargo-Amber Valley; Jamestown; Mayville; <b>South Dakota Laboratories:</b> Aberdeen; Canton; Chamberlain; Clear Lake; Rapid City; Vermillion; XRL-SF	C DIFFICILE TOXIN B GENE NAD [19065] Result is Detected [2]
NBLD0624T9	SARS-CoV-2 RNA, QUALITATIVE REAL-TIME RT-PCR	SARS-CoV-2 RNA, Qualitative RT-PCR Confirmation [LABS0965T]	Vermillion, SD	SARS COV RNA, RT PCR [25551] Result is Not Detected [1], Indeterminate [3] <b>AND</b> INTERNAL CONTROL [10353] Result is Acceptable [1]
NBLD5011T	GBS BY NAD, REFLEX SUSC	LO-GBS Reflex Susceptibility [LABS0600T]	Bemidji, MN; Bismarck, ND; Vermillion, SD; Worthington, MN	GROUP B STREP BY NAD [17544] Result is Detected [2]
NBLD5011T2	GBS BY NAD, REFLEX SUSC	LO-GBS Reflex Susceptibility [LABS0600T]	Fargo-Amber Valley; Fargo-SMCF; XRL	GROUP B STREP BY NAD [17544] Result is Detected [2]
POCT0007T	URINE DIP W MIC REF CULT POCT	Urine Culture [MICR0013T2]	SMC-Sioux Falls	LEUKOCYTE ESTERASE URINE [2512] Result is Trace [2], Small [3], Moderate [4], Large [5] <b>OR</b> NITRITE [2874] Result is Positive [2] <b>OR</b> WBC URINE [4209] Result is 6-20 /hpf [10], 21-50 /hpf [11], 51-200 /hpf [12], >200 /hpf [13]
POCT0028T	INR POCT	PROTIME [BLOD0669T]	SMC-Sioux Falls	INR [13020] Result is >4.5
<b>IMPORTANT NOTE:</b> All reflex testing associated with Transfusion Medicine may fire automatically from EPIC based on pre-determined criteria or will be ordered in the applicable blood bank software per defined laboratory protocols and policies. Example: If there is a discrepancy in Blood Group and/or Rh type, the discrepancy will be investigated. Additional tests <i>may</i> include Antibody Screen and Direct Antiglobulin Test.				
Rev 2 1.20.2023				