

COAGULATION CONTROL - LEVEL I (COAG CONTROL I)

Cat. No: CG 5021 **Lot No:** 162CG
Size: 12 x 1 ml **Expiry:** 2017-07

INTENDED USE

This product is intended for *in-vitro* diagnostic use and in the quality control of coagulation systems. The Coagulation Controls are for the control of accuracy and precision.

DEVICE DESCRIPTION

The Coagulation Controls are supplied at 3 levels, level 1, 2 and 3. Target values and ranges are supplied for the analytes listed in the values section.

SAFETY PRECAUTIONS AND WARNINGS

The controls are intended for *in-vitro* diagnostic use only. Do not pipette by mouth. Exercise the normal precautions required for handling laboratory reagents and controls.

Human source material which has been added has been tested at donor level for the Human Immunodeficiency Virus (HIV 1, HIV 2) antibody, Hepatitis B Surface Antigen (HbsAg), and Hepatitis C Virus (HCV) antibody and was found to be NON-REACTIVE. FDA approved methods have been used to conduct these tests.

However, since no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious diseases and disposed of accordingly.

Health and Safety Data sheets are available on request.

STORAGE AND STABILITY

OPENED: Store refrigerated (+2 to +8°C). APTT, TT, PT, Fibrinogen and Antithrombin III in reconstituted serum are stable for 24 hours at +2 to +8°C if kept capped in original container and free from contamination. Protein C, Protein S, Plasminogen, and Factors II, V, VII, VIII, IX, X, XI, XII are stable for 8 hours at +2 to +8°C. Only the required amount of product should be removed. After use, any residual product should NOT BE RETURNED to the original vial.

UNOPENED: Store refrigerated (+2 to +8°C). Stable to expiration date printed on individual vials.

PREPARATION FOR USE

The Coagulation Controls are supplied lyophilised.

1. Carefully reconstitute each vial of lyophilised control with exactly 1 ml of distilled water at +15°C to +25°C. Close the bottle and allow to stand for 30 minutes before use. Ensure contents are completely dissolved by swirling gently. Avoid the formation of foam. Do not shake the vial.
2. Refer to the control section of the individual analyser application.
3. Refrigerate any unused material. Prior to reuse, mix the contents of the vial thoroughly.

MATERIALS PROVIDED

Coagulation Control Level I 12 x 1 ml

MATERIALS REQUIRED BUT NOT PROVIDED

Volumetric pipette

ASSIGNED VALUES

Each batch of Coagulation Control is submitted to a number of external laboratories and values are assigned from a consensus of results obtained by these laboratories and internal testing conducted at Randox Laboratories Ltd. The expected range of the mean is provided to aid laboratory until it has established its own mean and SD for its test methods.

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COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Activated Partial Thromboplastin Time (APTT)	seconds	34.1	27.3	40.9	Trinity/Biomerieux Platelin LS/APTT HS
	seconds	30.6	24.5	36.7	Siemens/Dade Actin
	seconds	29.2	23.4	35.0	Siemens/Dade Actin FS
	seconds	28.5	22.8	34.2	Siemens/Dade Actin FSL
	seconds	37.7	30.2	45.2	Siemens/Dade Actin SL
	seconds	37.5	30.0	45.0	Siemens/Dade Pathromtin SL
	seconds	29.9	23.9	35.9	Helena aPTT
	seconds	39.4	31.5	47.3	Helena APTT ES
	seconds	31.3	25.0	37.6	HemosIL APTT-SP Liquid
	seconds	31.9	25.5	38.3	HemosIL Synthasil
	seconds	28.2	22.6	33.8	HemosIL Synthafax
	seconds	32.4	25.9	38.9	Pacific Hemostasis APTT-XL
	seconds	36.0	28.8	43.2	Stago aPTT
	seconds	34.6	27.7	41.5	Stago Cephascreen
	seconds	35.4	28.3	42.5	Stago CK-Prest
	seconds	37.5	30.0	45.0	Stago PTT Automate
	seconds	33.8	27.0	40.6	Teco TEClot APTT
	seconds	33.2	26.6	39.8	Human Hemostat APTT
	seconds	32.3	25.8	38.8	Bio-Ksel System APTTs
	seconds	32.8	26.2	39.4	Grifols DG-APTT
	seconds	36.5	29.2	43.8	Diagon Dia-PTT
	seconds	32.4	25.9	38.9	Weiner Lab APTT
	seconds	33.5	26.8	40.2	Biolabo Bio-CK APTT
	seconds	39.6	31.7	47.5	Spinreact APTT
	seconds	30.6	24.5	36.7	Gernon Hemos PTT
	seconds	35.4	28.3	42.5	SEAC RADIM aPTT
	seconds	31.0	24.8	37.2	SGM Italia aPTT
	seconds	34.0	27.2	40.8	Trinity/Biomerieux Triniclot aPTT
	seconds	30.8	24.6	37.0	Biodevice aPTT
	seconds	32.5	26.0	39.0	Biomedica QuikCoag aPTT
	seconds	30.7	24.6	36.8	Hemosil aPTT Lyophilised Silica
	seconds	31.4	25.1	37.7	Siemens Dade Actin Cephaloplastin
	seconds	33.4	26.7	40.1	Beijing Steellex aPTT
	seconds	34.8	27.8	41.8	Labitec aPTT
	seconds	35.0	28.0	42.0	Technoclone Siron aPTT
	seconds	30.2	24.2	36.2	Sclavo APTT-S
	seconds	31.2	25.0	37.4	HemoDiagnostics aPTT
	seconds	31.6	25.3	37.9	LTA APTT Ellagic Acid
	seconds	32.1	25.7	38.5	Tokra Medikal APTT
	seconds	30.5	24.4	36.6	Coagpia APTT-N
	seconds	41.4	33.1	49.7	Erba Diagnostics ActiMax XS
Activated Partial	ratio	1.08	0.864	1.30	Siemens/Dade Actin FSL

COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Activated Partial Thromboplastin Time (APTT) Ratio	ratio	1.26	1.01	1.51	Siemens/Dade Actin SL
	ratio	1.17	0.936	1.40	Stago Cephascreen
	ratio	1.06	0.848	1.27	Stago PTT Automate
	ratio	1.09	0.872	1.31	Stago aPTT
	ratio	1.16	0.928	1.39	Siemens/Dade Pathromtin SL
	ratio	1.04	0.832	1.25	HemosIL APTT-SP Liquid
	ratio	1.07	0.856	1.28	HemosIL Synthasil
	ratio	1.02	0.816	1.22	Pacific Hemostasis APTT-XL
	ratio	1.08	0.864	1.30	Stago CK-Prest
	ratio	1.08	0.864	1.30	Human Hemostat APTT
	ratio	0.967	0.774	1.16	Bio-Ksel System APTTs
	ratio	1.10	0.880	1.32	Siemens/Dade Actin FS
	ratio	1.10	0.880	1.32	Diagon Dia-PTT
	ratio	0.990	0.792	1.19	Biolabo Bio-CK APTT
	ratio	1.13	0.904	1.36	Siemens/Dade Actin
	ratio	1.00	0.800	1.20	Hemosil aPTT Lyophilised Silica
	ratio	1.06	0.848	1.27	Trinity/Biomerieux Triniclot aPTT
	ratio	1.02	0.816	1.22	Siemens Dade Actin Cephaloplastin
	ratio	1.08	0.864	1.30	Biodevice aPTT
	ratio	1.02	0.816	1.22	Sclavo APTT-S
	ratio	1.11	0.888	1.33	HemoDiagnostica aPTT
	ratio	1.04	0.832	1.25	Coagpia APTT-N
Antithrombin III activity	%	111	88.8	133	Trinity/AMAX Accucolor
	%	96.9	77.5	116	Siemens/Dade Berichrom ATIII
	%	79.6	63.7	95.5	Helena Chrom-Z
	%	101	80.8	121	HemosIL Liquid Antithrombin
	%	111	88.8	133	Hyphen BioMed BioPhen ATIII
	%	108	86.4	130	Chromogenix Coamatic LR
	%	98.1	78.5	118	Roche Chronogenic Thrombin
	%	101	80.8	121	Bio-Ksel Antithrombin III
	%	102	81.6	122	Hemosil Lyophilised Antithrombin III
	%	101	80.8	121	STACHrom ATIII
	%	96.1	76.9	115	Siemens/Dade Antithrombin III
	%	105	84.0	126	Biodevice ATIII
	%	96.4	77.1	116	Siemens Innovance Antithrombin III
	%	98.5	78.8	118	Sclavo ATIII
	%	117	93.6	140	HemoDiagnostica Antithrombin III (Fxa)
Factor II activity	%	97.1	77.7	117	Dade Innovin
	%	115	92.0	138	Siemens/Dade Thromborel S
	%	95.0	76.0	114	Stago Neoplastine CI Plus
	%	115	92.0	138	HemosIL PT-Fibrinogen HS Plus
	%	93.1	74.5	112	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	93.4	74.7	112	Stago Neoplastin R
Factor IX activity	%	106	84.8	127	Siemens/Dade Actin FS
	%	105	84.0	126	Siemens/Dade Pathromtin SL
	%	106	84.8	127	HemosIL Synthasil

COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Factor IX activity	%	111	88.8	133	Stago CK-Prest
	%	112	89.6	134	Siemens/Dade Actin FSL
	%	101	80.8	121	HemosIL APTT-SP Liquid
	%	127	102	152	Stago aPTT
	%	105	84.0	126	Siemens Dade Actin Cephaloplastin
Factor V activity	%	88.6	70.9	106	Stago Neoplastine CI Plus
	%	100	80.0	120	Siemens/Dade Thromborel S
	%	89.4	71.5	107	Dade Innovin
	%	89.4	71.5	107	HemosIL PT-Fibrinogen HS Plus
	%	90.5	72.4	109	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	80.8	64.6	97.0	Stago Neoplastin R
Factor VII activity	%	122	97.6	146	Stago Neoplastine CI Plus
	%	131	105	157	Siemens/Dade Thromborel S
	%	128	102	154	Dade Innovin
	%	138	110	166	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	117	93.6	140	Stago Neoplastin R
Factor VIII activity	%	77.5	62.0	93.0	Stago CK-Prest
	%	89.6	71.7	108	Stago PTT Automate
	%	96.7	77.4	116	Siemens/Dade Actin FS
	%	87.1	69.7	105	Siemens/Dade Pathromtin SL
	%	87.1	69.7	105	Siemens/Dade Actin FSL
	%	81.9	65.5	98.3	HemosIL Synthasil
	%	82.2	65.8	98.6	HemosIL APTT-SP Liquid
	%	88.3	70.6	106	Stago aPTT
	%	100	80.0	120	Siemens Dade Actin Cephaloplastin
Factor X activity	%	109	87.2	131	Siemens/Dade Thromborel S
	%	104	83.2	125	Dade Innovin
	%	109	87.2	131	HemosIL PT-Fibrinogen HS Plus
	%	97.6	78.1	117	Stago Neoplastine CI Plus
	%	102	81.6	122	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	93.7	75.0	112	Stago Neoplastin R
Factor XI activity	%	68.6	54.9	82.3	Siemens/Dade Actin FS
	%	80.8	64.6	97.0	Siemens/Dade Pathromtin SL
	%	67.1	53.7	80.5	HemosIL Synthasil
	%	66.2	53.0	79.4	Siemens/Dade Actin FSL
	%	58.3	46.6	70.0	HemosIL APTT-SP Liquid
	%	68.8	55.0	82.6	Stago aPTT
	%	75.7	60.6	90.8	Siemens Dade Actin Cephaloplastin
Factor XII activity	%	105	84.0	126	Siemens/Dade Actin FS
	%	97.9	78.3	117	Siemens/Dade Pathromtin SL
	%	94.8	75.8	114	HemosIL Synthasil
	%	101	80.8	121	Siemens/Dade Actin FSL
	%	98.8	79.0	119	HemosIL APTT-SP Liquid
	%	97.3	77.8	117	Siemens Dade Actin Cephaloplastin
Fibrinogen	g/L	3.14	2.51	3.77	HemosIL PT-Fibrinogen HS Plus
	mg/dL	314	251	377	

COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Fibrinogen	g/L	3.08	2.46	3.70	Stago Fibrinogen
	mg/dL	308	246	370	
	g/L	2.62	2.10	3.14	Trinity/AMAX Thrombin
	mg/dL	262	210	314	
	g/L	3.05	2.44	3.66	Dade Multifibrin
	mg/dL	305	244	366	
	g/L	3.04	2.43	3.65	HemosIL Fibrinogen C
	mg/dL	304	243	365	
	g/L	2.81	2.25	3.37	Dade Thrombin
	mg/dL	281	225	337	
	g/L	2.81	2.25	3.37	Technoclone Fibrinogen
	mg/dL	281	225	337	
	g/L	3.05	2.44	3.66	Trinity/Biopool Fibrinogen
	mg/dL	305	244	366	
	g/L	2.85	2.28	3.42	Biolabo Bio-Fibri
	mg/dL	285	228	342	
	g/L	2.90	2.32	3.48	HemosIL QFA (bovine thrombin)
	mg/dL	290	232	348	
	g/L	2.69	2.15	3.23	Pacific Hemostasis Fibrinogen
	mg/dL	269	215	323	
	g/L	2.84	2.27	3.41	Human Fibrinogen
	mg/dL	284	227	341	
	g/L	3.09	2.47	3.71	Stago STA Fibri-Prest Automate
	mg/dL	309	247	371	
	g/L	2.80	2.24	3.36	Bio-Ksel System PT
	mg/dL	280	224	336	
	g/L	2.59	2.07	3.11	Bio-Ksel Fibrinogen
	mg/dL	259	207	311	
	g/L	2.97	2.38	3.56	Grifols DG-FIB
	mg/dL	297	238	356	
	g/L	2.88	2.30	3.46	Diagon Dia-FIB
	mg/dL	288	230	346	
	g/L	2.17	1.74	2.60	Dade Innovin Derived Fibrinogen
	mg/dL	217	174	260	
	g/L	2.31	1.85	2.77	Siemens/Dade Thromboplastin Derived Fibrinogen
	mg/dL	231	185	277	
	g/L	2.47	1.98	2.96	Liofilchem Fibrinogen
	mg/dL	247	198	296	
	g/L	2.37	1.90	2.84	SGM Italia Fibrinogen
	mg/dL	237	190	284	
	g/L	2.42	1.94	2.90	Biodevice PT
	mg/dL	242	194	290	
	g/L	2.67	2.14	3.20	Helena Thrombin
	mg/dL	267	214	320	
	g/L	2.63	2.10	3.16	Spinreact Fibrinogen
	mg/dL	263	210	316	

COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Fibrinogen	g/L	2.79	2.23	3.35	HemosIL PT-Fibrinogen Recombiplastin 2G
	mg/dL	279	223	335	
	g/L	2.91	2.33	3.49	Sclavo Fibrinogen
	mg/dL	291	233	349	
	g/L	2.69	2.15	3.23	HemoDiagnostica Fibrinogen
	mg/dL	269	215	323	
	g/L	2.89	2.31	3.47	Beijing Steelex Fibrinogen
	mg/dL	289	231	347	
	g/L	2.97	2.38	3.56	Tokra Medikal Fibrinogen
	mg/dL	297	238	356	
	g/L	3.19	2.55	3.83	Coagpia Fibrinogen
	mg/dL	319	255	383	
Plasminogen activity	g/L	2.86	2.29	3.43	HemosIL PT-Fibrinogen
	mg/dL	286	229	343	
Plasminogen activity	%	102	81.6	122	Stago Stachrom Plasminogen
	%	94.9	75.9	114	Siemens/Dade Berichrom Plasminogen
Protein C activity	%	104	83.2	125	Siemens/Dade Berichrom Protein C
	%	100	80.0	120	IL HemosIL Protein C
	%	109	87.2	131	Siemens
	%	107	85.6	128	STACHrom Protein C
	%	111	88.8	133	Chromogenix Coatest APC
Protein S activity	%	87.8	61.5	114	STA Liatest
	%	100	70.0	130	Helena Elisa
	%	70.0	49.0	91.0	Stago StaClot
	%	83.4	58.4	108	IL HemosIL ProS
	%	96.7	67.7	126	IL HemosIL Free Protein S
	%	91.5	64.1	119	Stago Asserachrom Free Protein S
	%	70.3	49.2	91.4	Dade Protein S Ac
Prothrombin Time (PT)	%	87.2	61.0	113	Siemens Innovance Free PS Ag
	Seconds	10.9	8.72	13.1	Trinity/Biomerieux Simplastin/PT Excel
	Seconds	12.9	10.3	15.5	Trinity/Biomerieux Simplastin/PT HTF
	Seconds	10.2	8.16	12.2	Dade Innovin
	Seconds	10.6	8.48	12.7	Siemens/Dade Thromborel IS
	Seconds	11.2	8.96	13.4	Siemens/Dade Thromborel S
	Seconds	11.5	9.20	13.8	HemosIL PT-Fibrinogen
	Seconds	12.8	10.2	15.4	HemosIL PT-Fibrinogen HS Plus
	Seconds	14.2	11.4	17.0	Pacific Thromboplastin DS
	Seconds	13.2	10.6	15.8	STA Hepato Quick
	Seconds	12.9	10.3	15.5	Stago Neoplastine CI
	Seconds	12.7	10.2	15.2	Stago Neoplastine CI Plus
	Seconds	12.5	10.0	15.0	Teco TEClot PT-S
	Seconds	12.5	10.0	15.0	Biolabo Bio-TP
	Seconds	13.6	10.9	16.3	Stago Neoplastin R
	Seconds	10.5	8.40	12.6	Bio-Ksel System PT
	Seconds	12.9	10.3	15.5	Human Thromboplastin
	Seconds	11.7	9.36	14.0	Grifols DG-PT

COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Prothrombin Time (PT)	Seconds	12.9	10.3	15.5	Diagon, Dia-PT
	Seconds	12.3	9.84	14.8	Weiner Lab Soluplastin
	Seconds	13.7	11.0	16.4	Spinreact PT
	Seconds	13.8	11.0	16.6	Trinity/Biomerieux Simplastin/PT Excel S
	Seconds	11.7	9.36	14.0	Biodevice PT
	Seconds	12.6	10.1	15.1	Biomedica QuikCoag PT-HS
	Seconds	10.4	8.32	12.5	HemosIL PT-Fibrinogen Recombiplastin 2G
	Seconds	13.4	10.7	16.1	Helena Thromboplastin LI
	Seconds	12.0	9.60	14.4	Teco Teclot PT
	Seconds	12.5	10.0	15.0	Beijing Steellex PT
	Seconds	11.3	9.04	13.6	Labitec PT
	Seconds	12.6	10.1	15.1	SGM Italia Thromboplastin
	Seconds	13.4	10.7	16.1	Cypress Diagnostics PT
	Seconds	11.5	9.20	13.8	Technoclone Technoclot PT Plus
	Seconds	12.5	10.0	15.0	Tokra Medikal PT
	Seconds	11.5	9.20	13.8	Coagpia PT-N
	Seconds	11.6	9.28	13.9	Biodevice Goldplastin
Prothrombin Time (PT) activity	%	97.6	78.1	117	Trinity/Biomerieux Simplastin/PT HTF
	%	107	85.6	128	Dade Innovin
	%	101	80.8	121	Siemens/Dade Thromborel S
	%	97.3	77.8	117	Stago Neoplastine CI
	%	102	81.6	122	Stago Neoplastine CI Plus
	%	109	87.2	131	HemosIL PT-Fibrinogen
	%	115	92.0	138	HemosIL PT-Fibrinogen HS Plus
	%	87.6	70.1	105	Pacific Thromboplastin DS
	%	97.1	77.7	117	R2 Phosphoplastin RL
	%	97.5	78.0	117	Biolabo Bio-TP
	%	120	96.0	144	Stago SPA
	%	100	80.0	120	Stago Neoplastin R
	%	114	91.2	137	Bio-Ksel System PT
	%	97.8	78.2	117	Human Thromboplastin
	%	99.0	79.2	119	Diagon, Dia-PT
	%	103	82.4	124	Trinity/Biomerieux Simplastin/PT Excel S
	%	103	82.4	124	Diagen Thromboplastin S
	%	117	93.6	140	Biodevice PT
	%	103	82.4	124	Biomedica QuikCoag PT-HS
	%	111	88.8	133	HemosIL PT-Fibrinogen Recombiplastin 2G
Prothrombin Time (PT) INR	INR	0.900	0.720	1.08	Trinity/Biomerieux Simplastin/PT Excel
	INR	1.02	0.816	1.22	Trinity/Biomerieux Simplastin/PT HTF
	INR	1.01	0.808	1.21	Dade Innovin
	INR	0.960	0.768	1.15	Siemens/Dade Thromborel IS
	INR	0.980	0.784	1.18	Siemens/Dade Thromborel S

COAGULATION CONTROL - LEVEL 1 (COAG CONTROL 1)

Cat. No. CG5021 Lot No. 162CG Size: 12 x 1 ml Expiry: 2017-07

Range					
Analyte	unit	Target	low	high	methods
Prothrombin Time (PT) INR	INR	0.964	0.771	1.16	HemosIL PT-Fibrinogen
	INR	0.927	0.742	1.11	HemosIL PT-Fibrinogen HS Plus
	INR	1.11	0.888	1.33	Pacific Thromboplastin DS
	INR	1.03	0.824	1.24	STA Hepato Quick
	INR	1.01	0.808	1.21	Stago Neoplastine CI
	INR	0.974	0.779	1.17	Stago Neoplastine CI Plus
	INR	0.962	0.770	1.15	Human Thromboplastin
	INR	0.956	0.765	1.15	Teco TEClot PT-S
	INR	0.984	0.787	1.18	Biolabo Bio-TP
	INR	0.936	0.749	1.12	Stago SPA
	INR	0.989	0.791	1.19	Stago Neoplastin R
	INR	0.888	0.710	1.07	Bio-Ksel System PT
	INR	0.880	0.704	1.06	Grifols DG-PT
	INR	0.974	0.779	1.17	Diagon, Dia-PT
	INR	1.01	0.808	1.21	Weiner Lab Soluplastin
	INR	1.02	0.816	1.22	Futura System Thromboplastin S
	INR	1.04	0.832	1.25	Spinreact PT
	INR	0.998	0.798	1.20	SGM Italia Thromboplastin
	INR	0.964	0.771	1.16	Trinity/Biomerieux Simplastin/PT Excel S
	INR	0.943	0.754	1.13	Biodevice PT
	INR	0.956	0.765	1.15	Biomedica QuikCoag PT-HS
	INR	0.944	0.755	1.13	HemosIL PT-Fibrinogen Recombiplastin 2G
	INR	1.02	0.816	1.22	Helena Thromboplastin LI
	INR	0.990	0.792	1.19	Beijing Steellex PT
	INR	0.995	0.796	1.19	Labitec PT
	INR	1.01	0.808	1.21	LTA PT Calcium Thromboplastin
	INR	0.888	0.710	1.07	Technoclon Technoclot PT Plus
	INR	0.931	0.745	1.12	Tokra Medikal PT
	INR	0.943	0.754	1.13	Coagpia PT-N
Prothrombin Time (PT) ratio	ratio	0.999	0.799	1.20	Dade Innovin
	ratio	0.976	0.781	1.17	Siemens/Dade Thromborel S
	ratio	0.985	0.788	1.18	Stago Neoplastine CI
	ratio	0.981	0.785	1.18	Stago Neoplastine CI Plus
	ratio	0.977	0.782	1.17	Stago Neoplastin R
	ratio	1.03	0.824	1.24	Diagon, Dia-PT
	ratio	0.949	0.759	1.14	HemosIL PT-Fibrinogen HS Plus
	ratio	0.943	0.754	1.13	HemosIL PT-Fibrinogen Recombiplastin 2G
	ratio	0.948	0.758	1.14	Biodevice PT
Thrombin Time (TT)	Seconds	21.2	17.0	25.4	Dade Thrombin
	Seconds	17.0	13.6	20.4	Siemens/Dade Thromboclotin
	Seconds	17.5	14.0	21.0	Stago Thrombin
	Seconds	15.7	12.6	18.8	Sysmex Thrombin Time
	Seconds	19.0	15.2	22.8	Human - Hemostat