

COAGULATION CONTROL - LEVEL 2 (COAG CONTROL 2)

Cat No. CG5022 **Lot No.** 178CG
Size: 12 x 1 ml **Expiry:** 2018-02

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°C to +8°C). APTT, TT, PT, Fibrinogen and Antithrombin III in reconstituted serum are stable for 24 hours at +2°C 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°C 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°C 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 2 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. 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 2 (COAG CONTROL 2)

Cat. No. CG5022 Lot No. 178CG

Size: 12 x 1 ml Expiry: 2018-02

Range					
Analyte	unit	Target	low	high	methods
Activated Partial Thromboplastin Time (APTT)	seconds	66.0	52.8	79.2	Tcoag TriniCLOT aPTT S
	seconds	70.8	56.6	85.0	Tcoag TriniCLOT aPTT HS
	seconds	80.2	64.2	96.2	Siemens/Dade Actin
	seconds	57.9	45.8	70.0	Siemens/Dade Actin FS
	seconds	53.0	42.4	63.6	Siemens/Dade Actin FSL
	seconds	101	73.7	128	Siemens/Dade Actin SL
	seconds	97.3	77.6	117	Siemens/Dade Pathromtin SL
	seconds	60.8	48.6	73.0	Helena aPTT
	seconds	58.9	47.1	70.7	HemosIL APTT-SP Liquid
	seconds	56.8	45.4	68.2	HemosIL Synthasil
	seconds	50.7	40.6	60.8	Pacific Hemostasis APTT-XL
	seconds	69.0	53.7	84.3	Stago aPTT
	seconds	63.3	50.6	76.0	Stago Cephascreen
	seconds	68.9	55.1	82.7	Stago CK-Prest
	seconds	71.2	57.0	85.4	Stago PTT Automate
	seconds	63.6	50.9	76.3	Teco TEClot APTT
	seconds	67.3	48.5	86.1	Human Hemostat APTT
	seconds	54.4	39.4	69.4	Bio-Ksel System APTTs
	seconds	72.5	52.2	92.8	Diagon Dia-PTT
	seconds	65.8	51.3	80.3	Biolabo Bio-CK APTT
	seconds	51.6	41.3	61.9	Gernon Hemos PTT
	seconds	75.3	56.2	94.4	Tcoag TriniCLOT Automated aPTT
	seconds	79.4	63.5	95.3	Biodevice aPTT
	seconds	52.5	42.0	63.0	Biomedica QuikCoag aPTT
	seconds	45.6	36.5	54.7	Hemosil aPTT Lyophilised Silica
	seconds	75.3	60.2	90.4	Siemens Dade Actin Cephaloplastin
	seconds	51.7	41.4	62.0	Beijing Steellex aPTT
	seconds	79.6	63.7	95.5	Labitec aPTT
	seconds	60.0	48.0	72.0	Technoclone Siron aPTT
	seconds	62.7	50.2	75.2	Sclavo APTT-S
	seconds	72.5	58.0	87.0	LTA APTT Ellagic Acid
	seconds	65.3	52.2	78.4	Tokra Medikal APTT
	seconds	52.3	41.8	62.8	Coagpia APTT-N
Activated Partial Thromboplastin Time (APTT) Ratio	ratio	2.03	1.53	2.53	Siemens/Dade Actin FSL
	ratio	3.56	2.77	4.35	Siemens/Dade Actin SL
	ratio	2.12	1.70	2.54	Stago Cephascreen
	ratio	2.13	1.70	2.56	Stago PTT Automate
	ratio	2.18	1.74	2.62	Stago aPTT
	ratio	2.99	2.39	3.59	Siemens/Dade Pathromtin SL
	ratio	1.94	1.55	2.33	HemosIL APTT-SP Liquid
	ratio	1.87	1.50	2.24	HemosIL Synthasil
	ratio	1.60	1.28	1.92	Pacific Hemostasis APTT-XL

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COAGULATION CONTROL - LEVEL 2 (COAG CONTROL 2)

Cat. No. CG5022 Lot No. 178CG

Size: 12 x 1 ml Expiry: 2018-02

Range					
Analyte	unit	Target	low	high	methods
Activated Partial Thromboplastin Time (APTT) Ratio	ratio	2.13	1.70	2.56	Stago CK-Prest
	ratio	2.19	1.75	2.63	Human Hemostat APTT
	ratio	1.78	1.42	2.14	Bio-Ksel System APTTs
	ratio	2.14	1.71	2.57	Siemens/Dade Actin FS
	ratio	2.12	1.55	2.69	Diagon Dia-PTT
	ratio	2.67	2.14	3.20	Tcoag TriniCLOT Automated aPTT
	ratio	2.83	2.26	3.40	Biodevice aPTT
	ratio	2.12	1.55	2.69	Sclavo APTT-S
Antithrombin III activity	%	66.6	53.3	79.9	Siemens/Dade Berichrom ATIII
	%	67.2	53.8	80.6	HemosIL Liquid Antithrombin
	%	73.5	58.8	88.2	Chromogenix Coamatic LR
	%	65.6	52.5	78.7	Roche Chronogenic Thrombin
	%	65.5	52.4	78.6	HemosIL Electrachrome Antithrombin
	%	70.9	56.7	85.1	Hemosil Lyophilised Antithrombin III
	%	68.3	54.6	82.0	STACHrom ATIII
	%	66.7	53.4	80.0	Siemens/Dade Antithrombin III
	%	72.3	57.8	86.8	Biodevice ATIII
	%	69.0	55.2	82.8	Siemens Innovance Antithrombin III
	%	70.5	56.4	84.6	Sclavo ATIII
Factor II activity	%	28.6	22.9	34.3	Dade Innovin
	%	29.2	23.4	35.0	Siemens/Dade Thromborel S
	%	27.4	21.9	32.9	Stago Neoplastine CI Plus
	%	25.3	20.2	30.4	HemosIL PT-Fibrinogen HS Plus
	%	21.8	17.4	26.2	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	25.8	20.6	31.0	Stago Neoplastin R
Factor IX activity	%	27.5	20.2	34.8	Stago PTT Automate
	%	24.3	19.4	29.2	Siemens/Dade Actin FS
	%	29.0	20.8	37.2	Siemens/Dade Pathromtin SL
	%	23.0	18.3	27.7	HemosIL Synthasil
	%	29.6	23.7	35.5	Stago CK-Prest
	%	24.0	18.8	29.2	Siemens/Dade Actin FSL
	%	22.9	16.8	29.0	HemosIL APTT-SP Liquid
	%	28.0	22.4	33.6	Stago aPTT
	%	31.4	25.1	37.7	Siemens Dade Actin Cephaloplastin
	%	20.3	16.2	24.4	HemosIL Factor IX deficient plasma
Factor V activity	%	42.0	33.6	50.4	Stago Neoplastine CI Plus
	%	40.1	32.1	48.1	Siemens/Dade Thromborel S
	%	42.0	31.8	52.2	Dade Innovin
	%	40.3	32.2	48.4	HemosIL PT-Fibrinogen HS Plus
	%	38.6	30.9	46.3	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	37.8	28.1	47.5	Stago Neoplastin R
	%	38.9	31.1	46.7	HemosIL Factor V deficient plasma
Factor VII activity	%	29.5	23.6	35.4	Stago Neoplastine CI Plus
	%	31.0	24.8	37.2	Siemens/Dade Thromborel S
	%	32.3	25.8	38.8	Dade Innovin
	%	36.3	29.0	43.6	HemosIL PT-Fibrinogen HS Plus

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COAGULATION CONTROL - LEVEL 2 (COAG CONTROL 2)

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Range					
Analyte	unit	Target	low	high	methods
Factor VII activity	%	33.3	26.6	40.0	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	32.2	25.8	38.6	Stago Neoplastin R
	%	29.4	23.5	35.3	HemosIL Factor VII deficient plasma
Factor VIII activity	%	41.5	33.2	49.8	Stago CK-Prest
	%	46.2	37.0	55.4	Stago PTT Automate
	%	41.9	32.9	50.9	Siemens/Dade Actin FS
	%	41.2	31.1	51.3	Siemens/Dade Pathromtin SL
	%	41.1	31.3	50.9	Siemens/Dade Actin FSL
	%	40.3	32.2	48.4	HemosIL Synthasil
	%	39.8	30.6	49.0	HemosIL APTT-SP Liquid
	%	39.9	31.9	47.9	Stago aPTT
	%	32.9	26.3	39.5	HemosIL Factor VIII deficient plasma
Factor X activity	%	28.5	22.8	34.2	Siemens/Dade Thromborel S
	%	30.4	23.5	37.3	Dade Innovin
	%	24.4	19.5	29.3	HemosIL PT-Fibrinogen HS Plus
	%	24.4	19.5	29.3	Stago Neoplastine CI Plus
	%	25.1	20.1	30.1	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	25.5	20.4	30.6	Stago Neoplastin R
Factor XI activity	%	24.9	19.9	29.9	Siemens/Dade Actin FS
	%	14.1	11.3	16.9	HemosIL Synthasil
	%	18.0	14.4	21.6	HemosIL APTT-SP Liquid
	%	18.0	14.4	21.6	Stago CK-Prest
Factor XII activity	%	46.3	37.0	55.6	Siemens/Dade Actin FS
	%	45.3	36.2	54.4	Siemens/Dade Pathromtin SL
	%	51.2	41.0	61.4	HemosIL Synthasil
	%	58.0	46.4	69.6	Siemens/Dade Actin FSL
	%	53.7	43.0	64.4	HemosIL APTT-SP Liquid
Fibrinogen	g/L	2.46	1.97	2.95	HemosIL PT-Fibrinogen HS Plus
	mg/dL	246	197	295	
	g/L	2.06	1.65	2.47	Stago Fibrinogen
	mg/dL	206	165	247	
	g/L	1.96	1.57	2.35	Tcoag TriniCLOT Thrombin Time
	mg/dL	196	157	235	
	g/L	2.34	1.87	2.81	Dade Multifibrin
	mg/dL	234	187	281	
	g/L	2.11	1.69	2.53	HemosIL Fibrinogen C
	mg/dL	211	169	253	
	g/L	1.87	1.50	2.24	Dade Thrombin
	mg/dL	187	150	224	
	g/L	2.27	1.82	2.72	Technoclone Fibrinogen
	mg/dL	227	182	272	
	g/L	2.04	1.63	2.45	Tcoag TriniCLOT Fibrinogen
	mg/dL	204	163	245	
	g/L	2.14	1.71	2.57	Biolabo Bio-Fibri
	mg/dL	214	171	257	
	g/L	1.96	1.39	2.53	Teco Teclot Fibrinogen
	mg/dL	196	139	253	

%

COAGULATION CONTROL - LEVEL 2 (COAG CONTROL 2)

Cat. No. CG5022 Lot No. 178CG Size: 12 x 1 ml Expiry: 2018-02

Range					
Analyte	unit	Target	low	high	methods
Fibrinogen	g/L	1.97	1.58	2.36	HemosIL QFA (bovine thrombin)
	mg/dL	197	158	236	
	g/L	2.04	1.63	2.45	Pacific Hemostasis Fibrinogen
	mg/dL	204	163	245	
	g/L	2.17	1.70	2.64	Human Fibrinogen
	mg/dL	217	170	264	
	g/L	2.15	1.72	2.58	Stago STA Fibri-Prest Automate
	mg/dL	215	172	258	
	g/L	2.52	2.02	3.02	Bio-Ksel System PT
	mg/dL	252	202	302	
	g/L	1.95	1.56	2.34	Bio-Ksel Fibrinogen
	mg/dL	195	156	234	
	g/L	1.90	1.52	2.28	Grifols DG-FIB
	mg/dL	190	152	228	
	g/L	1.88	1.50	2.26	Diagon Dia-FIB
	mg/dL	188	150	226	
	g/L	2.02	1.62	2.42	Dade Innovin Derived Fibrinogen
	mg/dL	202	162	242	
	g/L	2.11	1.67	2.55	Siemens/Dade Thromboplastin Derived Fibrinogen
	mg/dL	211	167	255	
	g/L	2.04	1.63	2.45	Wiener Lab Fibrinogen
	mg/dL	204	163	245	
	g/L	1.91	1.53	2.29	Liofilchem Fibrinogen
	mg/dL	191	153	229	
	g/L	1.72	1.38	2.06	Futura System Fibrinogen
	mg/dL	172	138	206	
	g/L	2.27	1.82	2.72	Helena Thrombin
	mg/dL	227	182	272	
	g/L	2.01	1.61	2.41	Spinreact Fibrinogen
	mg/dL	201	161	241	
	g/L	2.29	1.83	2.75	HemosIL PT-Fibrinogen Recombiplastin 2G
	mg/dL	229	183	275	
	g/L	2.05	1.64	2.46	Sclavo Fibrinogen
	mg/dL	205	164	246	
	g/L	2.17	1.74	2.60	Labitec Fibrinogen
	mg/dL	217	174	260	
	g/L	2.11	1.69	2.53	Beijing Steelex Fibrinogen
	mg/dL	211	169	253	
	g/L	2.06	1.65	2.47	Helena Clauss Fibrinogen 100
	mg/dL	206	165	247	
	g/L	2.27	1.68	2.86	Tokra Medikal Fibrinogen
	mg/dL	227	168	286	
	g/L	2.20	1.76	2.64	Coagpia Fibrinogen
	mg/dL	220	176	264	
Plasminogen activity	%	64.7	51.8	77.6	HemosIL Plasminogen

%

COAGULATION CONTROL - LEVEL 2 (COAG CONTROL 2)

Cat. No. CG5022 Lot No. 178CG Size: 12 x 1 ml Expiry: 2018-02

Range					
Analyte	unit	Target	low	high	methods
Plasminogen activity	%	69.1	55.3	82.9	Siemens/Dade Berichrom Plasminogen
Protein C activity	%	29.4	23.5	35.3	Siemens/Dade Berichrom Protein C
	%	25.7	20.6	30.8	Stago StaClot
	%	24.9	19.6	30.2	Biomerieux VIDAS Protein C
	%	24.7	19.8	29.6	IL HemosIL Protein C
	%	30.6	24.5	36.7	Siemens
	%	30.9	24.7	37.1	STACHrom Protein C
	%	29.8	23.8	35.8	Chromogenix Coatest APC
Protein S activity	%	21.0	14.7	27.3	STA Liatest
	%	19.8	13.9	25.7	Helena Elisa
	%	22.2	15.5	28.9	IL HemosIL Free Protein S
	%	19.5	13.7	25.4	Stago Asserachrom Free Protein S
	%	22.4	15.7	29.1	Siemens Innovance Free PS Ag
Prothrombin Time (PT)	Seconds	17.2	13.8	20.6	Tcoag TriniCLOT PT Excel
	Seconds	22.8	18.2	27.4	Tcoag TriniCLOT PT HTF
	Seconds	18.0	14.4	21.6	Dade Innovin
	Seconds	22.2	17.8	26.6	Siemens/Dade Thromborel IS
	Seconds	23.1	18.5	27.7	Siemens/Dade Thromborel S
	Seconds	26.6	21.3	31.9	HemosIL PT-Fibrinogen HS Plus
	Seconds	31.4	23.2	39.6	Pacific Thromboplastin DS
	Seconds	25.1	20.1	30.1	STA Hepato Quick
	Seconds	22.4	17.4	27.4	Stago Neoplastine CI
	Seconds	25.1	20.1	30.1	Stago Neoplastine CI Plus
	Seconds	21.2	17.0	25.4	R2 Phosphoplastin RL
	Seconds	24.3	19.4	29.2	Teco TEClot PT-S
	Seconds	25.7	18.8	32.6	Biolabo Bio-TP
	Seconds	27.0	21.6	32.4	Stago SPA
	Seconds	28.7	23.0	34.4	Stago Neoplastin R
	Seconds	19.6	15.7	23.5	Bio-Ksel System PT
	Seconds	25.2	20.2	30.2	Human Thromboplastin
	Seconds	24.8	19.6	30.0	Diagon, Dia-PT
	Seconds	26.4	21.1	31.7	Weiner Lab Soluplastin
	Seconds	26.6	21.3	31.9	Futura System Thromboplastin S
	Seconds	26.6	21.3	31.9	Spinreact PT
	Seconds	28.5	22.8	34.2	TCoag TriniCLOT PT Excel S
	Seconds	22.6	18.1	27.1	Biodevice PT
	Seconds	22.8	17.6	28.0	Biomedica QuikCoag PT-HS
	Seconds	21.5	17.2	25.8	HemosIL PT-Fibrinogen Recombiplastin 2G
	Seconds	25.0	19.6	30.4	Helena Thromboplastin LI
	Seconds	27.4	21.9	32.9	Renam PT
	Seconds	22.3	17.3	27.3	Beijing Steellex PT
	Seconds	23.6	18.9	28.3	Labitec PT
	Seconds	23.4	18.7	28.1	SGM Italia Thromboplastin
	Seconds	22.8	17.1	28.5	Technoclone Technoclot PT Plus
	Seconds	23.6	18.8	28.4	Tokra Medikal PT
	Seconds	23.0	18.4	27.6	Coagpia PT-N

%

COAGULATION CONTROL - LEVEL 2 (COAG CONTROL 2)

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Range					
Analyte	unit	Target	low	high	methods
Prothrombin Time (PT)	Seconds	19.0	15.2	22.8	Bio-Ksel PT Plus
	Seconds	20.2	16.2	24.2	Beijing Succeder PT
Prothrombin Time (PT) activity	%	38.6	30.9	46.3	Tcoag TriniCLOT PT Excel
	%	30.5	24.4	36.6	Tcoag TriniCLOT PT HTF
	%	39.5	31.6	47.4	Dade Innovin
	%	35.1	28.1	42.1	Siemens/Dade Thromborel S
	%	36.7	29.4	44.0	Stago Neoplastine CI
	%	34.2	27.4	41.0	Stago Neoplastine CI Plus
	%	35.3	28.2	42.4	HemosIL PT-Fibrinogen HS Plus
	%	31.4	24.4	38.4	Pacific Thromboplastin DS
	%	35.3	28.2	42.4	Biolabo Bio-TP
	%	29.6	20.9	38.3	Stago SPA
	%	34.9	27.9	41.9	Stago Neoplastin R
	%	55.4	44.3	66.5	Bio-Ksel System PT
	%	37.1	26.4	47.8	Human Thromboplastin
	%	42.0	30.1	53.9	Diagon, Dia-PT
	%	29.0	23.2	34.8	Weiner Lab Soluplastin
	%	35.1	28.1	42.1	Futura System Thromboplastin S
	%	37.8	30.2	45.4	TCoag TriniCLOT PT Excel S
	%	35.3	28.2	42.4	Diagen Thromboplastin S
	%	38.5	30.8	46.2	HemosIL PT-Fibrinogen Recombiplastin 2G
	%	37.9	30.3	45.5	Labitec PT
	%	47.6	38.1	57.1	Technoclon Technoclot PT Plus
	%	34.0	27.2	40.8	Coagpia PT-N
	%	36.5	29.2	43.8	Biodevice Goldplastin
	%	54.7	43.8	65.6	Bio-Ksel PT Plus
Prothrombin Time (PT) INR	INR	2.21	1.77	2.65	Tcoag TriniCLOT PT Excel
	INR	2.03	1.62	2.44	Tcoag TriniCLOT PT HTF
	INR	1.71	1.37	2.05	Dade Innovin
	INR	2.10	1.68	2.52	Siemens/Dade Thromborel IS
	INR	2.01	1.61	2.41	Siemens/Dade Thromborel S
	INR	1.92	1.54	2.30	HemosIL PT-Fibrinogen
	INR	2.14	1.71	2.57	HemosIL PT-Fibrinogen HS Plus
	INR	2.54	1.84	3.24	Pacific Thromboplastin DS
	INR	2.27	1.82	2.72	Stago Neoplastine CI
	INR	2.28	1.82	2.74	Stago Neoplastine CI Plus
	INR	1.81	1.45	2.17	R2 Phosphoplastin RL
	INR	1.98	1.56	2.40	Human Thromboplastin
	INR	1.77	1.33	2.21	Teco TEClot PT-S
	INR	2.38	1.90	2.86	Biolabo Bio-TP
	INR	2.05	1.63	2.47	Stago SPA
	INR	2.03	1.62	2.44	Stago Neoplastin R
	INR	1.82	1.46	2.18	Bio-Ksel System PT
	INR	2.04	1.63	2.45	Diagon, Dia-PT
	INR	2.39	1.91	2.87	Weiner Lab Soluplastin
	INR	2.23	1.78	2.68	Spinreact PT

%

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Range					
Analyte	unit	Target	low	high	methods
Prothrombin Time (PT) INR	INR	2.23	1.78	2.68	TCoag TriniCLOT PT Excel S
	INR	1.92	1.47	2.37	Biodevice PT
	INR	1.85	1.34	2.36	Biomedica QuikCoag PT-HS
	INR	1.91	1.53	2.29	HemosIL PT-Fibrinogen Recombiplastin 2G
	INR	1.98	1.52	2.44	Helena Thromboplastin LI
	INR	1.91	1.53	2.29	Labitec PT
	INR	1.41	1.13	1.69	LTA PT Calcium Thromboplastin
	INR	1.65	1.32	1.98	Technoclone Technoclot PT Plus
	INR	1.83	1.34	2.32	Tokra Medikal PT
	INR	1.90	1.52	2.28	Coagpia PT-N
	INR	2.13	1.70	2.56	Biodevice Goldplastin
	INR	1.80	1.44	2.16	Bio-Ksel PT Plus
	INR	1.74	1.39	2.09	Beijing Succeder PT
	INR	1.74	1.39	2.09	Dade Innovin
Prothrombin Time (PT) ratio	ratio	1.99	1.59	2.39	Siemens/Dade Thromborel S
	ratio	1.83	1.46	2.20	Stago Neoplastine CI
	ratio	1.92	1.54	2.30	Stago Neoplastine CI Plus
	ratio	2.09	1.67	2.51	Stago Neoplastin R
	ratio	1.89	1.51	2.27	Diagon, Dia-PT
	ratio	1.85	1.48	2.22	HemosIL PT-Fibrinogen HS Plus
	ratio	1.92	1.54	2.30	HemosIL PT-Fibrinogen Recombiplastin 2G
	ratio	1.88	1.50	2.26	Technoclone Technoplastin HIS
	ratio	2.00	1.60	2.40	Biodevice PT
	ratio	2.00	1.60	2.40	Biodevice PT
Thrombin Time (TT)	Seconds	24.5	19.0	30.0	Dade Thrombin
	Seconds	18.1	14.5	21.7	Siemens/Dade Thromboclotin
	Seconds	20.3	16.2	24.4	Stago Thrombin
	Seconds	17.6	14.1	21.1	Technology-Standard Thrombin
	Seconds	19.1	15.3	22.9	Human - Hemostat
	Seconds	14.9	11.9	17.9	Technoclone Thrombin Reagent
	Seconds	25.5	20.4	30.6	HemosIL Thrombin Time 5ml