

Reference ranges for Multiplate analysis using hirudin (TI) blood



TI = thrombin inhibitor, hirudin 25 µg/ml, Dynabyte TI tube 4.5ml



	ADPtest	ADPtest HS	ASPItest	TRAPtest	COLtest	RISTO low	RISTO high
Agonist	ADP	ADP + PGE1	Arachidonic acid	TRAP-6	Collagen	Ristocetin	Ristocetin
Volume	20 µl	20 µl	20 µl	20 µl	20 µl	12 µl	50µl
Final concentration	6.4 µM	6.4 µM	0.5 mM	32 µM	3.2 µg/ml	0.2 mg/ml	0.77 mg/ml
Parameter	AUC						
n	206	139	57	74	74	71	71
Median	840	684	987	1202	851	61	1268
5° Percentil	534	311	745	941	459	15	896
95° Percentil	1220	1071	1361	1563	1166	337	2013
Reference range AUC [AU*min]	534-1220	311-1071	745-1361	941-1563	459-1166	15-337	896-2013
Reference range AUC [U]	53-122	31-107	75-136	94-156	46-117	2-34	90-201

ADPtest HS: HS = high sensitivity, PGE1 = Prostaglandin E1

July 2008

It is recommended to determine locally your reference ranges.

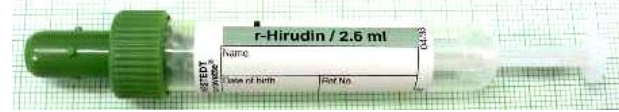
V.08071-0608

Reference ranges for Multiplate analysis using hirudin blood



Hirudin 25 µg/ml, “Vacuplus, 3.0ml”

or “Sarstedt r-hirudin 2.6ml” tube



	ADPtest	ADPtest HS	ASPItest	TRAPtest	RISTO low	RISTO high
Agonist	ADP	ADP + PGE1	Arachidonic acid	TRAP-6	Ristocetin	Ristocetin
Volume	20 µl	20 µl	20 µl	20 µl	12 µl	50µl
Final concentration	6.4 µM	6.4 µM	0.5 mM	32 µM	0.2 mg/ml	0.77 mg/ml
Parameter	AUC					
n	66	66	66	66	66	66
Median	774	594	1001	1123	54	1721
5° Percentil	474	258	691	834	12	1050
95° Percentil	1076	950	1294	1412	199	2192
Reference range AUC [AU*min]	474-1076	258-950	691-1294	834-1412	12-199	1050-2192
Reference range AUC [U]	47-108	26-95	69-129	83-141	1-20	105-219

ADPtest HS: HS = high sensitivity, PGE1 = Prostaglandin E1

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Reference ranges for Multiplate analysis using Lithium-heparin blood



BD-Vacutainer system, lithium heparin 17 U/ml



	ADPtest	ADPtest HS	ASPItest	TRAPtest	COLtest	RISTO low	RISTO high
Agonist	ADP	ADP + PGE1	Arachidonic acid	TRAP-6	Collagen	Ristocetin	Ristocetin
Volume	20 µl	20 µl	20 µl	20 µl	20 µl	12 µl	50µl
Final concentration	6.4 µM	6.4 µM	0.5 mM	32 µM	3.2 µg/ml	0.2 mg/ml	0.77 mg/ml
Parameter	AUC						
n	150	71	150	82	30	31	30
Median	830	690	1063	1206	877	310	922
5° Percentil	548	406	790	923	607	134	645
95° Percentil	1167	992	1410	1509	1077	685	1161
Reference range AUC [AU*min]	548-1167	406-992	790-1410	923-1509	607-1077	134-685	645-1161
Reference range AUC [U]	55-117	41-99	79-141	92-151	61-108	13-69	65-116

ADPtest HS: HS = high sensitivity, PGE1 = Prostaglandin E1

July 2008

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V.08071-0803

Reference ranges for Multiplate analysis using citrated blood*



Vacutainer or Vacuette system, buffered 3.2 % citrate (plastic tube)

	ADPtest	TRAPtest	COLtest
Agonist	ADP	TRAP-6	Collagen
Volume	20 µl	20 µl	20 µl
Final concentration	6.4 µM	32 µM	3.2 µg/ml
Parameter	AUC		
n	94	94	94
5° Percentil	383	691	431
95° Percentil	848	1169	901
Reference range AUC [AU*min]	383-848	691-1169	431-901
Reference range AUC [U]	38-85	69-117	43-90

* NaCl (0,9%) / CaCl₂ (3mM) was used as diluent solution (REF MP0530)

July 2008

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It is recommended to determine locally your reference ranges.