

CDS 3PD Hematology Control

KIT LOT: 32503-1K EXP: 15-Jul-25

Open Vial Stability: 14 days

LOW CONTROL		Sysmex KX Series	Mindray 3000 Series	ABX Micros 45/60	Orphee Mythic 18	Abbott CELL-DYN Series				
						1400	1600	1700	1800	
Lot 32503-11										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.7	0.3
Lymph #	x10 ⁹ /L	1.4	1.3	1.5	1.5	1.2	1.2	1.3	1.2	0.5
Mid # (Mxd*)	x10 ⁹ /L	0.5	0.5	0.4	0.3	na	0.3	0.4	0.5	0.3
Gran # (Neut*)	x10 ⁹ /L	1.9	2.0	1.9	2.1	2.7	2.4	2.2	2.0	0.8
Lymph	%	37.0	34.1	39.9	37.3	31.9	31.9	34.0	32.3	5.0
Mid (Mxd*)	%	14.2	12.9	9.3	8.0	na	7.1	9.6	12.3	4.0
Gran (Neut*)	%	48.8	53.0	50.8	54.7	68.1	61.0	56.4	55.4	5.0
RBC	x10 ¹² /L	2.30	2.39	2.29	2.31	2.39	2.39	2.39	2.46	0.12
Hgb	g/dL	4.9	5.4	5.4	5.3	5.7	5.7	5.7	5.7	0.3
Hct	%	14.5	16.3	15.2	16.1	15.5	15.5	15.6	16.2	2.5
MCV	fL	63.1	68.4	66.3	69.8	65	65	65	66	5.0
MCH	pg	21.3	22.6	23.6	22.9	23.8	23.8	23.8	23.2	1.5
MCHC	g/dL	33.8	33.1	35.5	32.9	36.8	36.8	36.5	35.2	3.0
RDW-CV	%	13.7	14.7	16.0	16.2	na	20.6	20.6	18.6	3.0
RDW-SD	fL	36.3	na	na	na	na	na	na	na	5.7
PLT	x10 ⁹ /L	82	102	103	95	86	86	86	82	15
MPV	fL	9.8	11.0	11.4	11.8	na	na	na	na	1.5
NORMAL CONTROL		Sysmex KX Series	Mindray 3000 Series	ABX Micros 45/60	Orphee Mythic 18	1400	1600	1700	1800	
Lot 32503-12										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	8.0	8.1	8.1	8.2	8.5	8.5	8.5	8.1	0.6
Lymph #	x10 ⁹ /L	3.6	3.3	3.8	3.6	3.2	3.2	3.5	3.1	0.6
Mid # (Mxd*)	x10 ⁹ /L	1.0	1.0	0.7	0.5	na	0.8	0.8	1.0	0.5
Gran # (Neut*)	x10 ⁹ /L	3.5	3.9	3.7	4.1	5.3	4.5	4.2	4.0	1.0
Lymph	%	44.0	40.8	46.6	43.5	37.6	37.6	40.7	38.5	5.0
Mid (Mxd*)	%	12.0	12.1	8.3	6.6	na	9.2	9.3	12.4	4.0
Gran (Neut*)	%	44.0	47.1	45.1	49.9	62.4	53.2	50.0	49.1	5.0
RBC	x10 ¹² /L	4.17	4.33	4.16	4.16	4.24	4.24	4.24	4.24	0.18
Hgb	g/dL	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.7	0.4
Hct	%	34.0	39.2	36.5	38.3	36.9	36.9	36.8	37.3	3.0
MCV	fL	81.5	90.6	87.7	92.1	87	87	87	88	5.0
MCH	pg	30.0	29.1	30.3	30.3	29.7	29.7	29.7	30.0	1.5
MCHC	g/dL	36.8	32.1	34.5	32.9	34.1	34.1	34.2	34.0	3.0
RDW-CV	%	9.9	11.2	11.7	11.8	na	15.2	15.2	13.5	3.0
RDW-SD	fL	31.2	na	na	na	na	na	na	na	5.2
PLT	x10 ⁹ /L	248	270	261	242	265	265	265	246	30
MPV	fL	9.7	10.4	10.8	11.6	na	na	na	na	1.5
HIGH CONTROL		Sysmex KX Series	Mindray 3000 Series	ABX Micros 45/60	Orphee Mythic 18	1400	1600	1700	1800	
Lot 32503-13										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	19.4	19.0	19.4	19.6	19.7	19.7	19.7	19.1	1.8
Lymph #	x10 ⁹ /L	11.8	10.5	11.8	11.5	10.2	10.2	10.8	9.9	1.5
Mid # (Mxd*)	x10 ⁹ /L	1.6	2.0	1.3	1.1	na	1.9	1.8	2.4	1.0
Gran # (Neut*)	x10 ⁹ /L	6.0	6.6	6.3	7.1	9.5	7.5	7.1	6.8	2.5
Lymph	%	60.5	54.9	60.9	58.5	51.9	51.9	55.1	51.6	5.0
Mid (Mxd*)	%	8.5	10.5	6.8	5.5	na	9.8	8.9	12.7	4.0
Gran (Neut*)	%	31.0	34.6	32.3	36.0	48.1	38.3	36.0	35.7	5.0
RBC	x10 ¹² /L	4.98	5.26	5.01	4.98	5.04	5.04	5.04	5.02	0.22
Hgb	g/dL	16.9	16.7	16.6	16.5	16.6	16.6	16.6	16.6	0.5
Hct	%	44.4	52.0	48.8	50.0	47.4	47.4	47.4	47.7	3.5
MCV	fL	89.2	98.9	97.5	100.4	94	94	94	95	5.0
MCH	pg	33.9	31.7	33.1	33.1	32.9	32.9	32.9	33.1	1.5
MCHC	g/dL	38.1	32.1	34.0	33.0	35.0	35.0	35.0	34.8	3.0
RDW-CV	%	12.3	12.5	12.6	12.7	na	16.3	16.3	17.0	3.0
RDW-SD	fL	40.1	na	na	na	na	na	na	na	4.8
PLT	x10 ⁹ /L	542	580	574	522	585	585	585	540	60
MPV	fL	10.0	10.6	11.1	11.7	na	na	na	na	1.5

Note: Platelet/RBC - causing alarms, and WBC differential "R" flags should be disregarded for Abbott Series.



Manufactured by:
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CDS 3PD Hematology Control

KIT LOT: 32503-1K EXP: 15-Jul-25

Open Vial Stability: 14 days

LOW CONTROL		Beckman Coulter Series								
		S-Plus Series	JT Series	STKR STKS™	MAXM™	MD Series	OnyX	AcT Diff	AcT 10 T Series	
Lot 32503-11										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	0.3
Lymph #	x10 ⁹ /L	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.3	0.5
Mono #	x10 ⁹ /L	0.4	0.4	0.4	0.4	0.4	0.4	0.4	na	0.3
Gran #	x10 ⁹ /L	2.0	2.0	2.0	2.0	2.1	2.1	2.1	na	0.8
Lymph	%	37.4	37.4	37.4	37.4	37.4	37.4	37.4	31.8	5.0
Mono	%	9.7	9.7	9.7	9.7	9.7	9.7	9.7	na	4.0
Gran	%	52.9	52.9	52.9	52.9	52.9	52.9	52.9	na	5.0
RBC	x10 ¹² /L	2.31	2.31	2.31	2.31	2.29	2.29	2.29	2.29	0.12
Hgb	g/dL	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	0.3
Hct	%	15.3	15.3	15.3	15.3	15.5	15.5	15.5	15.5	2.5
MCV	fL	66.2	66.2	66.2	66.2	67.8	67.8	67.8	67.8	5.0
MCH	pg	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.1	1.5
MCHC	g/dL	34.6	34.6	34.6	34.6	34.2	34.2	34.2	34.2	3.0
RDW	%	19.2	19.2	19.2	19.2	17.2	17.2	17.2	na	3.0
PLT	x10 ⁹ /L	83	83	83	83	81	81	81	81	15
MPV	fL	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.7	1.5
NORMAL CONTROL		S-Plus Series	JT Series	STKR STKS™	MAXM™	MD Series	OnyX	AcT Diff	AcT 10 T Series	
Lot 32503-12										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	8.4	8.4	8.4	8.4	8.2	8.2	8.2	8.2	0.6
Lymph #	x10 ⁹ /L	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.1	0.6
Mono #	x10 ⁹ /L	0.7	0.7	0.7	0.7	0.7	0.7	0.7	na	0.5
Gran #	x10 ⁹ /L	3.9	3.9	3.9	3.9	3.8	3.8	3.8	na	1.0
Lymph	%	44.5	44.5	44.5	44.5	44.5	44.5	44.5	37.8	5.0
Mono	%	8.6	8.6	8.6	8.6	8.6	8.6	8.6	na	4.0
Gran	%	46.9	46.9	46.9	46.9	46.9	46.9	46.9	na	5.0
RBC	x10 ¹² /L	4.19	4.19	4.19	4.19	4.16	4.16	4.16	4.16	0.18
Hgb	g/dL	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.5	0.4
Hct	%	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	3.0
MCV	fL	87.3	87.3	87.3	87.3	88.3	88.3	88.3	88.3	5.0
MCH	pg	30.1	30.1	30.1	30.1	30.0	30.0	30.0	30.0	1.5
MCHC	g/dL	34.4	34.4	34.4	34.4	34.1	34.1	34.1	34.1	3.0
RDW	%	13.7	13.7	13.7	13.7	12.6	12.6	12.6	na	3.0
PLT	x10 ⁹ /L	235	235	235	235	230	230	230	230	30
MPV	fL	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.5	1.5
HIGH CONTROL		S-Plus Series	JT Series	STKR STKS™	MAXM™	MD Series	OnyX	AcT Diff	AcT 10 T Series	
Lot 32503-13										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	20.1	20.1	20.1	20.1	19.7	19.7	19.7	19.7	1.8
Lymph #	x10 ⁹ /L	12.1	12.1	12.1	12.1	11.9	11.9	11.9	10.1	1.5
Mono #	x10 ⁹ /L	1.3	1.3	1.3	1.3	1.3	1.3	1.3	na	1.0
Gran #	x10 ⁹ /L	6.7	6.7	6.7	6.7	6.5	6.5	6.5	na	2.5
Lymph	%	60.2	60.2	60.2	60.2	60.2	60.2	60.2	51.2	5.0
Mono	%	6.6	6.6	6.6	6.6	6.6	6.6	6.6	na	4.0
Gran	%	33.2	33.2	33.2	33.2	33.2	33.2	33.2	na	5.0
RBC	x10 ¹² /L	5.02	5.02	5.02	5.02	5.01	5.01	5.01	5.01	0.22
Hgb	g/dL	16.5	16.5	16.5	16.5	16.4	16.4	16.4	16.4	0.5
Hct	%	47.8	47.8	47.8	47.8	48.4	48.4	48.4	48.4	3.5
MCV	fL	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7	5.0
MCH	pg	32.9	32.9	32.9	32.9	32.7	32.7	32.7	32.7	1.5
MCHC	g/dL	34.5	34.5	34.5	34.5	33.9	33.9	33.9	33.9	3.0
RDW	%	14.6	14.6	14.6	14.6	13.6	13.6	13.6	na	3.0
PLT	x10 ⁹ /L	509	509	509	509	505	505	505	505	60
MPV	fL	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.8	1.5

STKS*, MAXM* (CBC parameters only)



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