

CDS 3PD Hematology Control

KIT LOT: 32504-1K EXP: 14-Aug-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 32504-11										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.7	0.3
Lymph #	x10 ⁹ /L	1.4	1.3	1.5	1.4	1.3	1.3	1.4	1.2	0.5
Mid # (Mxd*)	x10 ⁹ /L	0.4	0.4	0.3	0.3	na	0.3	0.3	0.4	0.3
Gran # (Neut*)	x10 ⁹ /L	1.8	2.0	1.9	2.1	2.6	2.4	2.2	2.1	0.8
Lymph	%	37.8	34.8	40.8	38.0	32.8	32.8	34.9	33.1	5.0
Mid (Mxd*)	%	12.0	10.9	7.9	6.8	na	6.5	8.9	11.4	4.0
Gran (Neut*)	%	50.2	54.3	51.3	55.2	67.2	60.7	56.2	55.5	5.0
RBC	x10 ¹² /L	2.26	2.34	2.30	2.27	2.36	2.36	2.36	2.43	0.12
Hgb	g/dL	4.9	5.4	5.4	5.3	5.6	5.6	5.6	5.6	0.3
Hct	%	14.4	16.1	15.3	16.0	15.6	15.6	15.6	16.3	2.5
MCV	fL	63.7	69.0	66.4	70.4	66	66	66	67	5.0
MCH	pg	21.7	23.1	23.5	23.3	23.7	23.7	23.7	23.0	1.5
MCHC	g/dL	34.0	33.5	35.3	33.1	35.9	35.9	35.9	34.4	3.0
RDW-CV	%	13.2	14.1	15.5	15.7	na	19.9	19.9	18.0	3.0
RDW-SD	fL	34.9	na	na	na	na	na	na	na	5.7
PLT	x10 ⁹ /L	85	105	106	98	87	87	87	83	15
MPV	fL	9.3	10.4	10.7	11.2	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 32504-12										
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	3.3	3.3	3.5	3.2	0.6
Mid # (Mxd*)	x10 ⁹ /L	1.0	1.0	0.7	0.6	na	0.8	0.8	1.0	0.5
Gran # (Neut*)	x10 ⁹ /L	3.5	3.9	3.6	4.1	5.2	4.5	4.2	3.9	1.0
Lymph	%	44.0	40.6	46.7	43.5	38.5	38.5	41.7	39.4	5.0
Mid (Mxd*)	%	12.3	12.4	8.5	6.8	na	8.9	9.0	12.0	4.0
Gran (Neut*)	%	43.7	47.0	44.8	49.7	61.5	52.6	49.3	48.6	5.0
RBC	x10 ¹² /L	4.24	4.40	4.25	4.23	4.32	4.32	4.32	4.32	0.18
Hgb	g/dL	12.4	12.4	12.5	12.4	12.5	12.5	12.5	12.6	0.4
Hct	%	33.7	38.8	36.1	37.9	36.7	36.7	36.7	37.2	3.0
MCV	fL	79.4	88.2	85.0	89.7	85	85	85	86	5.0
MCH	pg	29.2	28.2	29.4	29.3	28.9	28.9	28.9	29.2	1.5
MCHC	g/dL	36.8	32.0	34.6	32.7	34.1	34.1	34.1	33.9	3.0
RDW-CV	%	10.6	12.0	12.6	12.6	na	16.4	16.4	14.6	3.0
RDW-SD	fL	33.3	na	na	na	na	na	na	na	5.2
PLT	x10 ⁹ /L	250	272	266	244	256	256	256	238	30
MPV	fL	9.6	10.3	10.6	11.5	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 32504-13										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	19.7	19.3	19.7	19.9	20.1	20.1	20.1	19.5	1.8
Lymph #	x10 ⁹ /L	11.8	10.6	11.9	11.6	10.5	10.5	11.1	10.1	1.5
Mid # (Mxd*)	x10 ⁹ /L	1.7	2.0	1.3	1.1	na	1.9	1.8	2.4	1.0
Gran # (Neut*)	x10 ⁹ /L	6.2	6.8	6.5	7.3	9.6	7.7	7.2	6.9	2.5
Lymph	%	60.0	54.5	60.4	57.9	52.2	52.2	55.4	52.0	5.0
Mid (Mxd*)	%	8.4	10.3	6.7	5.4	na	9.7	8.8	12.5	4.0
Gran (Neut*)	%	31.6	35.2	32.9	36.7	47.8	38.1	35.8	35.5	5.0
RBC	x10 ¹² /L	4.93	5.20	5.00	4.93	5.03	5.03	5.03	5.01	0.22
Hgb	g/dL	16.2	16.0	15.9	15.8	15.9	15.9	15.9	15.9	0.5
Hct	%	42.2	49.4	46.5	47.5	45.8	45.8	45.8	46.1	3.5
MCV	fL	85.6	95.0	93.0	96.3	91	91	91	92	5.0
MCH	pg	32.9	30.8	31.8	32.0	31.6	31.6	31.6	31.7	1.5
MCHC	g/dL	38.4	32.4	34.2	33.3	34.7	34.7	34.7	34.5	3.0
RDW-CV	%	11.4	11.5	11.7	11.7	na	15.7	15.7	16.3	3.0
RDW-SD	fL	37.1	na	na	na	na	na	na	na	4.8
PLT	x10 ⁹ /L	558	597	585	538	583	583	583	538	60
MPV	fL	9.9	10.4	10.8	11.5	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: 32504-1K EXP: 14-Aug-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 32504-11										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	3.6	3.6	3.6	3.6	3.8	3.8	3.8	3.8	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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	na	0.3
Gran #	x10 ⁹ /L	1.9	1.9	1.9	1.9	2.0	2.0	2.0	na	0.8
Lymph	%	38.2	38.2	38.2	38.2	38.2	38.2	38.2	32.5	5.0
Mono	%	8.2	8.2	8.2	8.2	8.2	8.2	8.2	na	4.0
Gran	%	53.6	53.6	53.6	53.6	53.6	53.6	53.6	na	5.0
RBC	x10 ¹² /L	2.27	2.27	2.27	2.27	2.30	2.30	2.30	2.30	0.12
Hgb	g/dL	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	0.3
Hct	%	15.2	15.2	15.2	15.2	15.6	15.6	15.6	15.6	2.5
MCV	fL	66.8	66.8	66.8	66.8	67.9	67.9	67.9	67.9	5.0
MCH	pg	23.3	23.3	23.3	23.3	23.0	23.0	23.0	23.0	1.5
MCHC	g/dL	34.9	34.9	34.9	34.9	34.0	34.0	34.0	34.0	3.0
RDW	%	18.5	18.5	18.5	18.5	16.7	16.7	16.7	na	3.0
PLT	x10 ⁹ /L	86	86	86	86	84	84	84	84	15
MPV	fL	11.2	11.2	11.2	11.2	11.0	11.0	11.0	11.0	1.5
NORMAL CONTROL		S-Plus Series	JT Series	STKR STKS™	MAXM™	MD Series	OnyX	AcT Diff	AcT 10 T Series	
Lot 32504-12										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	8.3	8.3	8.3	8.3	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	%	8.8	8.8	8.8	8.8	8.8	8.8	8.8	na	4.0
Gran	%	46.7	46.7	46.7	46.7	46.7	46.7	46.7	na	5.0
RBC	x10 ¹² /L	4.26	4.26	4.26	4.26	4.25	4.25	4.25	4.25	0.18
Hgb	g/dL	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	0.4
Hct	%	36.2	36.2	36.2	36.2	36.4	36.4	36.4	36.4	3.0
MCV	fL	85.0	85.0	85.0	85.0	85.6	85.6	85.6	85.6	5.0
MCH	pg	29.1	29.1	29.1	29.1	29.2	29.2	29.2	29.2	1.5
MCHC	g/dL	34.3	34.3	34.3	34.3	34.1	34.1	34.1	34.1	3.0
RDW	%	14.6	14.6	14.6	14.6	13.6	13.6	13.6	na	3.0
PLT	x10 ⁹ /L	237	237	237	237	234	234	234	234	30
MPV	fL	11.5	11.5	11.5	11.5	11.3	11.3	11.3	11.3	1.5
HIGH CONTROL		S-Plus Series	JT Series	STKR STKS™	MAXM™	MD Series	OnyX	AcT Diff	AcT 10 T Series	
Lot 32504-13										
Parameters		Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	± Range
WBC	x10 ⁹ /L	20.2	20.2	20.2	20.2	20.0	20.0	20.0	20.0	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	6.8	6.8	6.8	6.8	6.8	6.8	6.8	na	2.5
Lymph	%	59.7	59.7	59.7	59.7	59.7	59.7	59.7	50.7	5.0
Mono	%	6.5	6.5	6.5	6.5	6.5	6.5	6.5	na	4.0
Gran	%	33.8	33.8	33.8	33.8	33.8	33.8	33.8	na	5.0
RBC	x10 ¹² /L	4.96	4.96	4.96	4.96	5.00	5.00	5.00	5.00	0.22
Hgb	g/dL	15.8	15.8	15.8	15.8	15.7	15.7	15.7	15.7	0.5
Hct	%	45.4	45.4	45.4	45.4	46.2	46.2	46.2	46.2	3.5
MCV	fL	91.5	91.5	91.5	91.5	92.3	92.3	92.3	92.3	5.0
MCH	pg	31.9	31.9	31.9	31.9	31.4	31.4	31.4	31.4	1.5
MCHC	g/dL	34.8	34.8	34.8	34.8	34.0	34.0	34.0	34.0	3.0
RDW	%	13.5	13.5	13.5	13.5	12.6	12.6	12.6	na	3.0
PLT	x10 ⁹ /L	524	524	524	524	515	515	515	515	60
MPV	fL	11.7	11.7	11.7	11.7	11.5	11.5	11.5	11.5	1.5

STKS*, MAXM* (CBC parameters only)



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