

Assay values BC Diff 5 Controls

LOT	:	153
	:	2014-01-19
REF	:	3613, 3614, 3615

Assay values and expected ranges for Mindray Instruments: BC-5500, BC5200*

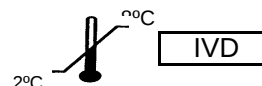
	Parameters	LOW (3613)		NORMAL (3614)		HIGH (3615)		
		Mean	Range ±	Mean	Range ±	Mean	Range ±	
Mindray Reagents (QC Mode)	WBC 10 ⁹ /l	3.30	0.50	8.10	1.00	18.10	2.50	
	NEUT # 10 ⁹ /l	1.63	0.35	4.41	0.70	10.95	1.30	
	LYMP # 10 ⁹ /l	1.29	0.35	2.39	0.70	3.62	1.10	
	MONO # 10 ⁹ /l	0.18	0.15	0.69	0.50	1.72	1.10	
	EOS # 10 ⁹ /l	0.17	0.15	0.53	0.45	1.63	1.10	
	BASO # 10 ⁹ /l	0.03	0.03	0.08	0.08	0.18	0.18	
	NEUT %	49.5	9.0	54.5	8.0	60.5	7.0	
	LYMP %	39.0	9.0	29.5	8.0	20.0	6.0	
	MONO %	5.5	4.0	8.5	6.0	9.5	6.0	
	EOS %	5.0	4.0	6.5	5.0	9.0	6.0	
	BASO %	1.0	1.0	1.0	1.0	1.0	1.0	
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JT Baker Reagents (QC Mode)	WBC 10 ⁹ /l	3.2	0.5	7.7	1.0	17.4	2.5	
	NEUT # 10 ⁹ /l	1.2	0.4	3.9	0.7	10.1	1.3	
	LYMP # 10 ⁹ /l	1.3	0.4	2.3	0.7	3.5	1.1	
	MONO # 10 ⁹ /l	0.2	0.2	0.7	0.5	1.8	1.1	
	EOS # 10 ⁹ /l	0.2	0.2	0.5	0.5	1.6	1.1	
	BASO # 10 ⁹ /l	0.3	0.3	0.3	0.3	0.3	0.3	
	NEUT %	37.0	9.0	50.2	8.0	58.4	7.0	
	LYMP %	40.7	9.0	30.4	8.0	20.4	6.0	
	MONO %	5.9	4.0	8.7	6.0	10.1	6.0	
	EOS %	5.9	4.0	6.5	5.0	9.3	6.0	
	BASO %	10.5	5.0	4.2	4.2	1.7	1.7	
								**
Both Reagents (QC-Mode)	RBC 10 ¹² /l	2.48	0.18	4.72	0.24	5.17	0.30	
	HGB g/dl	6.2	0.4	13.5	0.6	16.7	0.8	
	mmol/l	3.8	0.3	8.4	0.4	10.4	0.5	
	HCT*** %	17.9	1.5	38.7	2.0	47.0	2.4	
	I/l	0.179	0.015	0.387	0.020	0.470	0.024	
	HCT**** %	18.9	1.5	41.4	2.0	51.2	2.4	
	I/l	0.189	0.015	0.414	0.020	0.512	0.024	
	MCV*** fl	72.0	5.0	82.0	5.0	91.0	5.0	
	MCV**** fl	76.3	5.0	87.8	5.0	99.0	5.0	
	MCH pg	25.0	2.5	28.6	2.5	32.3	2.5	
	fmol	1.55	0.20	1.78	0.20	2.01	0.20	
	MCHC*** g/dl	34.7	3.0	34.9	3.0	35.5	3.0	
	mmol/l	21.6	1.9	21.7	1.9	22.0	1.9	
	MCHC**** g/dl	32.8	3.0	32.6	3.0	32.6	3.0	
	mmol/l	20.3	1.9	20.2	1.9	20.3	1.9	
	RDW-CV %	12.5	3.0	12.5	3.0	11.0	3.0	
	RDW-SD fl	29.0	8.0	35.0	8.0	37.5	8.0	
	PLT 10 ⁹ /l	50	20	256	40	492	60	
	MPV fl	8.0	3.0	8.7	3.0	9.5	3.0	
	PCT %	0.050	0.050	0.220	0.100	0.470	0.200	
	PDW fl	16.6	3.0	16.3	3.0	16.4	3.0	

* Controls have to be measured in QC Mode

** For Mindray reagents measured value is artificially set to zero.



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The devices as mentioned in this insert comply with the In Vitro Diagnostic Medical Devices Directive 98/79/EC.



Assay values and expected ranges for Mindray Instruments: BC-5380

	Parameters	LOW (3613)		NORMAL (3614)		HIGH (3615)	
		Mean	Range ±	Mean	Range ±	Mean	Range ±
Both Reagents (QC Mode)	WBC $10^9/l$	3.25	0.50	7.85	1.00	17.80	2.50
	NEUT # $10^9/l$	1.71	0.35	4.59	0.70	11.48	1.70
	LYMP # $10^9/l$	1.28	0.35	2.20	0.70	3.29	1.20
	MONO # $10^9/l$	0.10	0.10	0.55	0.45	1.51	1.10
	EOS # $10^9/l$	0.16	0.15	0.51	0.45	1.51	1.10
	BASO # $10^9/l$	1.56	0.35	5.18	0.70	13.80	1.70
	NEUT %	52.5	9.0	58.5	8.0	64.5	9.0
	LYMP %	39.5	9.0	28.0	8.0	18.5	6.0
	MONO %	3.0	3.0	7.0	5.0	8.5	6.0
	EOS %	5.0	4.0	6.5	5.0	8.5	6.0
	BASO %	48.0	8.0	66.0	8.0	77.5	8.0
	RBC $10^{12}/l$	2.40	0.18	4.67	0.24	5.15	0.30
	HGB g/dl	6.0	0.4	13.2	0.6	16.2	0.8
	mmol/l	3.7	0.3	8.2	0.4	10.1	0.5
	HCT %	18.6	1.5	40.9	2.0	50.2	2.4
	I/l	0.186	0.019	0.409	0.025	0.502	0.028
	MCV fl	77.5	5.0	87.5	5.0	97.5	5.0
	MCH pg	25.0	2.5	28.3	2.5	31.5	2.5
	fmol	1.55	0.2	1.76	0.2	1.95	0.2
	MCHC g/dl	32.3	3.0	32.3	3.0	32.3	3.0
	mmol/l	20.0	1.9	20.1	1.9	20.0	1.9
	RDW-CV %	15.0	3.0	15.0	3.0	13.0	3.0
	RDW-SD fl	51.0	8.0	56.0	8.0	57.5	8.0
	PLT $10^9/l$	47	20	248	40	480	60
	MPV fl	8.6	3.0	8.8	3.0	9.4	3.0
	PCT %	0.05	0.05	0.22	0.10	0.45	0.20
	PDW fl	16.0	3.0	16.1	3.0	16.2	3.0

Assay values and expected ranges for Mindray Instruments:

BC-5300,BC-5300Vet, BC-5100, BC-5100Vet

	Parameters	LOW (3613)		NORMAL (3614)		HIGH (3615)	
		Mean	Range ±	Mean	Range ±	Mean	Range ±
Both Reagents (QC Mode)	WBC $10^9/l$	3.30	0.50	8.10	1.00	18.45	2.50
	NEUT # $10^9/l$	1.73	0.35	4.70	0.70	11.90	1.70
	LYMP # $10^9/l$	1.30	0.35	2.31	0.70	3.41	1.20
	MONO # $10^9/l$	0.10	0.10	0.57	0.45	1.57	1.15
	EOS # $10^9/l$	0.17	0.15	0.53	0.45	1.57	1.15
	BASO # $10^9/l$	1.57	0.35	5.27	0.70	14.21	1.70
	NEUT %	52.5	9.0	58.0	8.0	64.5	9.0
	LYMP %	39.5	9.0	28.5	8.0	18.5	6.0
	MONO %	3.0	3.0	7.0	5.0	8.5	6.0
	EOS %	5.0	4.0	6.5	5.0	8.5	6.0
	BASO %	47.5	8.0	65.0	8.0	77.0	8.0
	RBC $10^{12}/l$	2.40	0.18	4.68	0.24	5.15	0.30
	HGB g/dl	6.0	0.4	13.2	0.6	16.3	0.8
	mmol/l	3.7	0.3	8.2	0.4	10.1	0.5
	HCT %	18.8	1.5	41.2	2.0	50.5	2.4
	I/l	0.188	0.019	0.412	0.025	0.505	0.028
	MCV fl	78.5	5.0	88.0	5.0	98.0	5.0
	MCH pg	25.0	2.5	28.2	2.5	31.7	2.5
	fmol	1.55	0.2	1.75	0.2	1.97	0.2
	MCHC g/dl	31.8	3.0	32.1	3.0	32.3	3.0
	mmol/l	19.8	1.9	19.9	1.9	20.1	1.9
	RDW-CV %	15.5	3.0	15.0	3.0	14.0	3.0
	RDW-SD fl	51.0	8.0	58.0	8.0	60.0	8.0
	PLT $10^9/l$	47	20	245	40	480	60
	MPV fl	8.9	3.0	9.1	3.0	9.7	3.0
	PCT %	0.05	0.05	0.22	0.10	0.46	0.20
	PDW fl	16.0	3.0	16.1	3.0	16.2	3.0