

REF	662-2	6×4.5mL	EXP	2024-05-17	LOT	3F27942	更新日期：	2025-06
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本报告含以下项目的示范实验室数据

参数 (Parameters)	参数 (Parameters)	参数 (Parameters)
(WBC)白细胞	(RBC)红细胞	(PLT)血小板
(HCT)血细胞比容/压积	(MCV)平均红细胞体积	(MCH)平均红细胞血红蛋白含量
(MCHC)平均红细胞血红蛋白浓度	(RET %)网织红细胞百分数	(BASO #)嗜碱性粒细胞 #
(BASO %)嗜碱性粒细胞 %	(EOS #)嗜酸性粒细胞 #	(EOS %)嗜酸性粒细胞 %
(LYM #)淋巴细胞 #	(LYM %)淋巴细胞 %	(MONO #)单核细胞 #
(MONO %)单核细胞 %	(NEUT #)嗜中性粒细胞 #	(NEUT %)嗜中性粒细胞 %
(HGB/ Hb)血红蛋白	(MPV)平均血小板体积	

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项目\仪器\试剂\方法	单位	均值	+ / - 2 SD
(BASO #)嗜碱性粒细胞 #			
Mindray BC-6000 serices Mindray \ Calculate	Giga/L (1E+9/L)	0.047	0.024-0.07
Sysmex XN series sysmex \ Flow cytometry	Giga/L (1E+9/L)	0.38	0.352-0.408
Mindray BC-5100/BC-5300 Series Mindray \ Calculate	Giga/L (1E+9/L)	2.36	2.09-2.63
(BASO %)嗜碱性粒细胞 %			
Sysmex XN series sysmex \ Flow cytometry	%	4.83	4.63-5.03
Mindray BC-6000 serices Mindray \ Calculate	%	0.612	0.305-0.919
Sysmex XN series sysmex \ Calculate	%	5.53	5.24-5.82
Mindray BC-7500 Mindray \ Flow cytometry	%	0.615	0.269-0.961
Sysmex XT series sysmex \ Calculate	%	55	25-85
Sysmex XE series sysmex \ Calculate	%	50	30-70
(EOS #)嗜酸性粒细胞 #			
Mindray BC-6000 serices Mindray \ Calculate	Giga/L (1E+9/L)	0.919	0.73-1.108
Sysmex XN series sysmex \ Flow cytometry	Giga/L (1E+9/L)	1.06	0.94-1.18
Mindray BC-5100/BC-5300 Series Mindray \ Calculate	Giga/L (1E+9/L)	0.051	0.03-0.072
(EOS %)嗜酸性粒细胞 %			
Sysmex XN series sysmex \ Flow cytometry	%	13.3	11.9-14.7
Mindray BC-6000 serices Mindray \ Calculate	%	11.9	9.9-13.9
Mindray BC-7500 Mindray \ Flow cytometry	%	12.1	11-13.2
Sysmex XN series sysmex \ Calculate	%	11.7	11-12.4
Sysmex XN series Dedicated \ Flow cytometry	%	3.18	2.66-3.7
(HCT)血细胞比容/压积			
Sysmex XN series Dedicated \ OTHER	%	38.9	37.3-40.5
Sysmex XS series Dedicated \ Calculate	%	40.1	38.7-41.5
Mindray BC-7500 Mindray \ Electrical impedance	%	43.2	42-44.4
Sysmex XN series sysmex \ OTHER	%	40.3	38.9-41.7
Sysmex XN series sysmex \ Flow cytometry	%	40.2	38.9-41.5
Mindray BC-5100/BC-5300 Series Mindray \ Calculate	%	39.6	37.5-41.7
Sysmex XN series sysmex \ Electrical impedance	%	40.2	38.3-42.1
Sysmex XN series OTHER \ OTHER	%	38.2	23-53.4
Mindray BC-6000 serices Mindray \ OTHER	%	44.2	42.7-45.7
Sysmex XN series sysmex \ Calculate	%	39.8	33.4-46.2
Mindray BC-6000 serices Mindray \ Electrical impedance	%	42.7	41.8-43.6
NIHON KOHDEN MEK Series Nihon Kohden \ Electrical impedance	%	45.9	44.6-47.2
Sysmex XN series OTHER \ Calculate	%	39.4	38.8-40
Sysmex XN series Dedicated \ Calculate	%	42	40.9-43.1
Dymind D7/D6/D5/D3/D2-CRP DYMIND \ Calculate	%	36	34.2-37.8
Sysmex XN series JNLJ \ Calculate	%	40.5	39.2-41.8
Mindray BC-5100/BC-5300 Series Mindray \ Electrical impedance	%	39.2	38.1-40.3
Mindray BC-5100/BC-5300 Series Dedicated \ Electrical impedance	%	40.4	38.1-42.7
Sysmex XN series Dedicated \ Electrical impedance	%	39.8	38.6-41
(HGB/ Hb)血红蛋白			
Mindray BC-5100/BC-5300 Series Mindray \ Colorimetry	g/L	136	132-140
Sysmex XN series sysmex \ Colorimetry	g/L	135	120-150
Sysmex XS series Dedicated \ Colorimetry	g/L	132	130-134
Mindray BC-5100/BC-5300 Series Dedicated \ Colorimetry	g/L	136	130-142
Sysmex XN series OTHER \ OTHER	g/L	132	98-166

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Mindray BC-6000 series	g/L	134	131-137
Mindray \ OTHER			
NIHON KOHDEN MEK Series	g/L	137	135-139
Nihon Kohden \ Colorimetry			
Sysmex XN series	g/L	138	135-141
OTHER \ Colorimetry			
Sysmex XS series	g/L	135	133-137
sysmex \ Colorimetry			
Sysmex XE series	g/L	137	132-142
Dedicated \ Colorimetry			
Sysmex XN series	g/L	132	130-134
JNLJ \ Colorimetry			
Dymind D7/D6/D5/D3/D2-CRP	g/L	130	125-135
DYMIND \ Colorimetry			
Sysmex XN series	g/L	131	129-133
Dedicated \ OTHER			
Sysmex XN series	g/L	136	133-139
sysmex \ Electrical impedance			
Mindray BC-7500	g/L	139	109-169
Mindray \ Colorimetry			
Mindray BC-6000 series	g/L	135	127-143
Mindray \ Colorimetry			
Sysmex XN series	g/L	133	130-136
Dedicated \ Colorimetry			
Sysmex XN series	g/L	139	110-168
sysmex \ OTHER			
Sysmex XN series	g/L	139	113-165
sysmex \ Light scattering			

(LYM #)淋巴细胞 #

Mindray BC-6000 series	Giga/L (1E+9/L)	1.75	1.61-1.89
Mindray \ Calculate			
Sysmex XN series	Giga/L (1E+9/L)	1.97	1.78-2.16
sysmex \ Flow cytometry			
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	1.42	1.27-1.57
Mindray \ Calculate			

(LYM %)淋巴细胞 %

Sysmex XN series	%	18.3	14.6-22
Dedicated \ Flow cytometry			
Sysmex XN series	%	24.3	23-25.6
sysmex \ Flow cytometry			
Mindray BC-6000 series	%	22.8	20.8-24.8
Mindray \ Calculate			
Mindray BC-7500	%	21.7	20.3-23.1
Mindray \ Flow cytometry			
Sysmex XN series	g/L	43.6	42.1-45.1
sysmex \ Calculate			
Mindray BC-6000 series	%	35	20-50
Mindray \ Flow cytometry			
Sysmex XS series	%	35	20-50
sysmex \ Calculate			
Sysmex XE series	%	30	15-45
sysmex \ Calculate			
Sysmex XN series	%	40	20-60
sysmex \ Calculate			
Sysmex XT series	%	35	20-50
sysmex \ Calculate			

(MCH)平均红细胞血红蛋白含量

Sysmex XN series	pg	29.5	28.7-30.3
Dedicated \ Calculate			
Mindray BC-5100/BC-5300 Series	pg	30.2	29.3-31.1
Mindray \ Calculate			
Sysmex XN series	pg	29.4	26.9-31.9
sysmex \ Calculate			
Sysmex XN series	pg	29	25.7-32.3
OTHER \ Calculate			
Mindray BC-7500	pg	30.4	29.4-31.4
Mindray \ Electrical impedance			
Mindray BC-6000 series	pg	30.1	29.4-30.8
Mindray \ Electrical impedance			
NIHON KOHDEN MEK Series	pg	31	30.3-31.7
Nihon Kohden \ Electrical impedance			
Sysmex XS series	pg	30.6	29.9-31.3
sysmex \ Calculate			
Sysmex XE series	pg	30.1	29.5-30.7
Dedicated \ Calculate			
Sysmex XS series	pg	29.5	28.7-30.3
Dedicated \ Calculate			
Dymind D7/D6/D5/D3/D2-CRP	pg	31.8	30.9-32.7
DYMIND \ Calculate			
Sysmex XN series	pg	29.4	28.8-30
JNLJ \ Calculate			
Mindray BC-5100/BC-5300 Series	pg	30.1	29.4-30.8
Dedicated \ Electrical impedance			
Sysmex XN series	pg	29.4	28.9-29.9
Dedicated \ OTHER			
Sysmex XN series	pg	29.9	29.4-30.4
sysmex \ Electrical impedance			
Mindray BC-5100/BC-5300 Series	pg	29.8	29.3-30.3
Dedicated \ Calculate			
Mindray BC-6000 series	pg	29.7	28.4-31
Mindray \ Calculate			
Mindray BC-7500	pg	30.1	27.3-32.9
Mindray \ Calculate			
Sysmex XS series	pg	30.9	25.1-36.7
sysmex \ Light scattering			

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(MCHC)平均红细胞血红蛋白浓度			
Sysmex XN series	g/L	341	326-356
Dedicated \ Calculate			
Mindray BC-5100/BC-5300 Series	g/L	345	328-362
Mindray \ Calculate			
Sysmex XN series	g/L	334	317-351
sysmex \ Calculate			
Sysmex XN series	g/L	331	304-358
OTHER \ Calculate			
Mindray BC-7500	g/L	310	296-324
Mindray \ Electrical impedance			
Mindray BC-6000 serices	g/L	315	307-323
Mindray \ Electrical impedance			
NIHON KOHDEN MEK Series	g/L	297	288-306
Nihon Kohden \ Electrical impedance			
Sysmex XS series	g/L	348	339-357
sysmex \ Calculate			
Sysmex XE series	g/L	383	370-396
Dedicated \ Calculate			
Sysmex XS series	g/L	331	317-345
Dedicated \ Calculate			
Dymind D7/D6/D5/D3/D2-CRP	g/L	361	350-372
DYMIND \ Calculate			
Sysmex XN series	g/L	327	316-338
JNLJ \ Calculate			
Mindray BC-5100/BC-5300 Series	fmol/cell	333	322-344
Mindray \ Electrical impedance			
Mindray BC-7500	fmol/cell	312	306-318
Mindray \ Electrical impedance			
Mindray BC-5100/BC-5300 Series	g/L	337	324-350
Dedicated \ Electrical impedance			
Sysmex XN series	g/L	330	319-341
Dedicated \ OTHER			
Sysmex XN series	g/L	333	321-345
sysmex \ Electrical impedance			
Mindray BC-5100/BC-5300 Series	g/L	348	335-361
Dedicated \ Calculate			
Mindray BC-6000 serices	g/L	316	281-351
Mindray \ Calculate			
(MCV)平均红细胞体积			
Mindray BC-7500	fL	95.5	91.1-99.9
Mindray \ Calculate			
Sysmex XN series	fL	86.5	83.6-89.4
Dedicated \ Calculate			
Sysmex XN series	fL	88.3	82.6-94
sysmex \ Calculate			
Sysmex XN series	fL	87.6	83.2-92
sysmex \ Electrical impedance			
Mindray BC-5100/BC-5300 Series	fL	87.5	85.4-89.6
Mindray \ Electrical impedance			
Mindray BC-5100/BC-5300 Series	fL	89	85.8-92.2
Dedicated \ Electrical impedance			
Sysmex XN series	fL	88	74.3-101.7
OTHER \ Calculate			
Mindray BC-5100/BC-5300 Series	fL	87.8	85.2-90.4
Mindray \ Calculate			
Mindray BC-6000 serices	fL	95.8	93.9-97.7
Mindray \ Electrical impedance			
NIHON KOHDEN MEK Series	fL	104	103-105
Nihon Kohden \ Electrical impedance			
Sysmex XS series	fL	87.9	85.8-90
sysmex \ Calculate			
Sysmex XE series	fL	78.6	76.6-80.6
Dedicated \ Calculate			
Sysmex XS series	fL	89.4	87.8-91
Dedicated \ Calculate			
Dymind D7/D6/D5/D3/D2-CRP	fL	87.9	86.7-89.1
DYMIND \ Calculate			
Sysmex XN series	fL	89.2	87.1-91.3
JNLJ \ Calculate			
Sysmex XN series	fL	89.1	87.1-91.1
Dedicated \ Electrical impedance			
Mindray BC-6000 serices	fL	94.8	91.8-97.8
Mindray \ Calculate			
Mindray BC-7500	fL	96.1	92.4-99.8
Mindray \ Electrical impedance			
Sysmex XS series	fL	91.7	75.7-107.7
sysmex \ Light scattering			
(MONO #)单核细胞 #			
Mindray BC-6000 serices	Giga/L (1E+9/L)	0.17	0.1-0.24
Mindray \ Calculate			
Sysmex XN series	Giga/L (1E+9/L)	0.301	0.238-0.364
sysmex \ Flow cytometry			
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	0.778	0.641-0.915
Mindray \ Calculate			
(MONO %)单核细胞 %			
Sysmex XN series	%	7.24	5.13-9.35
Dedicated \ Flow cytometry			
Sysmex XN series	%	2.81	2.21-3.41
sysmex \ Flow cytometry			
Mindray BC-6000 serices	%	2.19	1.34-3.04
Mindray \ Calculate			
Mindray BC-7500	%	2.78	2.12-3.44
Mindray \ Flow cytometry			

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Sysmex XN series sysmex \ Calculate	%	5.34	5.19-5.49
(MPV)平均血小板体积			
Mindray BC-6000 series Mindray \ Electrical impedance	fL	10.2	9.9-10.5
(NEUT #)嗜中性粒细胞 #			
Mindray BC-6000 series Mindray \ Calculate	Giga/L (1E+9/L)	4.79	4.6-4.98
Sysmex XN series sysmex \ Flow cytometry	Giga/L (1E+9/L)	4.29	4.07-4.51
Mindray BC-5100/BC-5300 Series Mindray \ Calculate	Giga/L (1E+9/L)	5.5	4.92-6.08
(NEUT %)嗜中性粒细胞 %			
Sysmex XN series Dedicated \ Flow cytometry	%	68.6	57.2-80
Sysmex XN series sysmex \ Flow cytometry	%	54.7	53.2-56.2
Mindray BC-6000 series Mindray \ Calculate	%	62.6	60.1-65.1
Mindray BC-7500 Mindray \ Flow cytometry	%	62.7	61.1-64.3
Sysmex XT series sysmex \ Calculate	%	50	30-70
Mindray BC-6000 series Mindray \ Flow cytometry	%	50	30-70
Sysmex XE series sysmex \ Calculate	%	60	40-80
Sysmex XS series sysmex \ Calculate	%	55	35-75
Sysmex XN series sysmex \ Calculate	%	55	35-75
(PLT)血小板			
Mindray BC-5100/BC-5300 Series Mindray \ Electrical impedance	Giga/L (1E+9/L)	230	208-252
Sysmex XS series Dedicated \ Electrical impedance	Giga/L (1E+9/L)	211	174-248
Sysmex XN series sysmex \ Electrical impedance	Giga/L (1E+9/L)	220	168-272
Sysmex XN series OTHER \ Electrical impedance	Giga/L (1E+9/L)	221	169-273
Mindray BC-5100/BC-5300 Series Dedicated \ Electrical impedance	Giga/L (1E+9/L)	232	212-252
Sysmex XS series sysmex \ Electrical impedance	Giga/L (1E+9/L)	229	186-272
NIHON KOHDEN MEK Series Nihon Kohden \ Electrical impedance	Giga/L (1E+9/L)	213	201-225
Sysmex XE series Dedicated \ Flow cytometry	Giga/L (1E+9/L)	167	158-176
Dymind D7/D6/D5/D3/D2-CRP DYMIND \ Electrical impedance	Giga/L (1E+9/L)	207	195-219
Sysmex XN series JNLJ \ Electrical impedance	Giga/L (1E+9/L)	197	169-225
Sysmex XN series sysmex \ OTHER	Giga/L (1E+9/L)	210	193-227
Mindray BC-7500 Mindray \ Electrical impedance	Giga/L (1E+9/L)	248	137-359
Mindray BC-6000 series Mindray \ Electrical impedance	Giga/L (1E+9/L)	224	195-253
Sysmex XN series Dedicated \ Electrical impedance	Giga/L (1E+9/L)	213	190-236
Sysmex XT series sysmex \ Light scattering	Giga/L (1E+9/L)	245	195-295
Sysmex XE series sysmex \ Electrical impedance	Giga/L (1E+9/L)	255	205-305
Sysmex XN series sysmex \ Light scattering	Giga/L (1E+9/L)	250	200-300
(RBC)红细胞			
Sysmex XS series Dedicated \ Electrical impedance	T/L (1E+12/L)	4.52	4.4-4.64
Sysmex XN series sysmex \ OTHER	T/L (1E+12/L)	4.69	4-5.38
Sysmex XN series OTHER \ Electrical impedance	T/L (1E+12/L)	4.5	3.39-5.61
Mindray BC-5100/BC-5300 Series Mindray \ Electrical impedance	T/L (1E+12/L)	4.52	4.33-4.71
Mindray BC-5100/BC-5300 Series Dedicated \ Electrical impedance	T/L (1E+12/L)	4.52	4.28-4.76
Sysmex XN series sysmex \ Electrical impedance	T/L (1E+12/L)	4.57	4.09-5.05
Mindray BC-7500 Mindray \ Light scattering	T/L (1E+12/L)	4.43	4.3-4.56
NIHON KOHDEN MEK Series Nihon Kohden \ Electrical impedance	T/L (1E+12/L)	4.4	4.29-4.51
Sysmex XS series sysmex \ Flow cytometry	T/L (1E+12/L)	4.43	4.37-4.49
Sysmex XE series Dedicated \ Flow cytometry	T/L (1E+12/L)	4.55	4.37-4.73
Sysmex XN series JNLJ \ Electrical impedance	T/L (1E+12/L)	4.5	4.44-4.56
Dymind D7/D6/D5/D3/D2-CRP DYMIND \ Electrical impedance	T/L (1E+12/L)	4.1	3.89-4.31
Mindray BC-5100/BC-5300 Series Mindray \ Electrical impedance	%	4.47	4.37-4.57

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Mindray BC-7500	%	4.53	4.46-4.6
Mindray \ Electrical impedance			
Mindray BC-6000 serices	T/L (1E+12/L)	4.4	4.26-4.54
Mindray \ Flow cytometry			
Mindray BC-6000 serices	T/L (1E+12/L)	4.52	4.2-4.84
Mindray \ Electrical impedance			
Mindray BC-7500	T/L (1E+12/L)	4.63	3.9-5.36
Mindray \ Electrical impedance			
Sysmex XN series	T/L (1E+12/L)	4.56	4.31-4.81
sysmex \ Flow cytometry			
Sysmex XN series	T/L (1E+12/L)	4.58	4.29-4.87
Dedicated \ Electrical impedance			
(RET %)网织红细胞百分数			
Sysmex XN series	%	0.603	0.432-0.774
Dedicated \ Electrical impedance			
(WBC)白细胞			
Mindray BC-6000 serices	Giga/L (1E+9/L)	7.96	7.58-8.34
Mindray \ Flow cytometry			
Sysmex XS series	Giga/L (1E+9/L)	7.89	7.1-8.68
Dedicated \ Electrical impedance			
Mindray BC-6000 serices	Giga/L (1E+9/L)	7.68	6.93-8.43
Mindray \ Electrical impedance			
Sysmex XN series	Giga/L (1E+9/L)	8.06	5.32-10.8
OTHER \ Flow cytometry			
Mindray BC-7500	Giga/L (1E+9/L)	8.13	7.54-8.72
Mindray \ Electrical impedance			
Mindray BC-7500	Giga/L (1E+9/L)	7.93	7.63-8.23
Mindray \ Flow cytometry			
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	8.04	7.53-8.55
Dedicated \ Electrical impedance			
Mindray BC-6000 serices	Giga/L (1E+9/L)	7.67	7.38-7.96
Mindray \ OTHER			
Mindray BC-7500	Giga/L (1E+9/L)	7.47	7.14-7.8
Mindray \ Light scattering			
Sysmex XN series	Giga/L (1E+9/L)	7.92	7.24-8.6
sysmex \ Flow cytometry			
Sysmex XN series	Giga/L (1E+9/L)	7.81	7.29-8.33
sysmex \ Electrical impedance			
NIHON KOHDEN MEK Series	Giga/L (1E+9/L)	8.13	7.76-8.5
Nihon Kohden \ Electrical impedance			
Sysmex XN series	Giga/L (1E+9/L)	7.78	7.38-8.18
OTHER \ Electrical impedance			
Sysmex XS series	Giga/L (1E+9/L)	8.03	7.74-8.32
sysmex \ Flow cytometry			
Dymind D7/D6/D5/D3/D2-CRP	Giga/L (1E+9/L)	7.6	7.11-8.09
DYMIND \ Flow cytometry			
Sysmex XN series	Giga/L (1E+9/L)	7.94	7.61-8.27
JNLJ \ Electrical impedance			
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	7.92	7.56-8.28
Mindray \ Flow cytometry			
Sysmex XE series	Giga/L (1E+9/L)	8.13	7.8-8.46
Dedicated \ Flow cytometry			
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	7.71	7.03-8.39
Mindray \ Electrical impedance			

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