

质控品名： 血液学五分类X非定值质控品

REF	662-2	6×4.5mL	EXP	2023-11-18	LOT	3F278E4	更新日期：	2024-05
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		批号：3F278E4			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(BASO %)嗜碱性粒细胞 %					
Mindray BC-7500	%	0.651	19.8%	6	<100
Mindray \ Flow cytometry					
Mindray BC-6000 series	%	0.95	15.9%	6	101
Dedicated \ Flow cytometry					
Sysmex XN series	%	4.71	3.3%	<5	<100
sysmex \ Flow cytometry					
OTHER	%	0.686	19.8%	<5	<100
Mindray \ Flow cytometry					
Mindray BC-5100/BC-5300 Series	%	28.8	0.9%	<5	<100
Dedicated \ Flow cytometry					
Sysmex XN series	%	4.78	3.3%	<5	<100
sysmex \ Calculate					
Sysmex XE series	%	50	20%	<5	<100
sysmex \ Calculate					
Sysmex XT series	%	55	27.3%	<5	<100
sysmex \ Calculate					
(HCT)血细胞比容/压积					
Sysmex XN series	%	41.4	1.7%	9	243
sysmex \ OTHER					
Mindray BC-6000 series	%	44	1.4%	9	225
Dedicated \ Electrical impedance					
Mindray BC-7500	%	44.4	2.1%	9	117
Mindray \ Electrical impedance					
OTHER	%	43.2	1.6%	7	342
Mindray \ Calculate					
Sysmex XN series	%	40.2	3.1%	7	145
sysmex \ Electrical impedance					
Sysmex XN series	%	40.9	2.3%	7	139
Dedicated \ Calculate					
Sysmex XS series	%	40.8	1.7%	5	111
Dedicated \ Calculate					
Sysmex XN series	%	41.4	1.8%	<5	<100
sysmex \ Flow cytometry					
Sysmex XN series	%	40.1	1.1%	<5	<100
OTHER \ Calculate					
Sysmex XS series	%	45.5	3.1%	<5	<100
sysmex \ Electrical impedance					
Mindray BC-5100/BC-5300 Series	%	40.5	1.8%	<5	<100
Mindray \ Electrical impedance					
OTHER	%	44.9	1.7%	<5	<100
Mindray \ Electrical impedance					
Mindray BC-5600/BC-5800	%	43.6	1.7%	<5	<100
Mindray \ Calculate					
Sysmex XE series	%	43.4	1.1%	<5	<100
Dedicated \ Electrical impedance					
Mindray BC-7500	%	41.7	2.9%	13	232
Mindray \ Calculate					
Mindray BC-5100/BC-5300 Series	%	41.9	5.7%	11	269
Mindray \ Calculate					
Sysmex XN series	%	39.3	4.7%	10	218
sysmex \ Calculate					
Sysmex XS series	%	35.8	10.9%	<5	<100
sysmex \ Light scattering					
Sysmex XE series	%	35.6	10.7%	<5	<100
sysmex \ Light scattering					
(HGB/ Hb)血红蛋白					
OTHER	g/L	135	1.2%	9	398
Mindray \ Colorimetry					
Sysmex XN series	g/L	135	0.8%	9	269
sysmex \ OTHER					
Mindray BC-5100/BC-5300 Series	g/L	136	3.2%	9	168
Mindray \ Colorimetry					
Sysmex XN series	g/L	135	1.2%	7	142
OTHER \ Colorimetry					
Sysmex XS series	g/L	141	2.3%	<5	<100
sysmex \ Electrical impedance					
Sysmex XN series	g/L	132	1%	<5	<100
Dedicated \ Colorimetry					
Sysmex XE series	g/L	138	1.3%	<5	<100
Dedicated \ Colorimetry					
Mindray BC-6000 series	g/L	135	0.7%	<5	124
Dedicated \ Electrical impedance					
Sysmex XN series	g/L	134	2.1%	<5	<100
sysmex \ Flow cytometry					
Sysmex XS series	g/L	136	0.9%	<5	<100
Dedicated \ Colorimetry					
Mindray BC-5100/BC-5300 Series	g/L	134	1.2%	<5	<100
Dedicated \ Colorimetry					
Sysmex XN series	g/L	136	0.8%	<5	<100
sysmex \ Electrical impedance					
Mindray BC-5600/BC-5800	g/L	138	0.9%	<5	<100
Mindray \ Colorimetry					
Sysmex XN series	g/L	135	1.5%	19	410
sysmex \ Colorimetry					
Mindray BC-7500	g/L	134	1.2%	19	313
Mindray \ Colorimetry					
Sysmex XE series	g/L	132	9.8%	<5	<100
sysmex \ Light scattering					
Sysmex XT series	g/L	138	9.4%	<5	<100
sysmex \ Light scattering					

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Mindray BC-6000 series Mindray \ Colorimetry	g/L	136	9.6%	<5	<100
Sysmex XS series sysmex \ Colorimetry	g/L	138	1%	<5	<100
(LYM %)淋巴细胞 %					
Mindray BC-7500 Mindray \ Flow cytometry	%	25.9	2.7%	6	<100
Mindray BC-6000 series Dedicated \ Flow cytometry	%	25.9	2.6%	6	103
Sysmex XN series sysmex \ Flow cytometry	%	31.9	9.6%	<5	<100
Sysmex XN series sysmex \ Calculate	%	34.6	26.1%	<5	<100
OTHER Mindray \ Flow cytometry	%	25.9	3.1%	<5	<100
Mindray BC-5100/BC-5300 Series Dedicated \ Flow cytometry	%	23.4	3.4%	<5	<100
Mindray BC-6000 series Mindray \ Flow cytometry	%	35	21.4%	<5	<100
Sysmex XE series sysmex \ Calculate	%	30	25%	<5	<100
Sysmex XT series sysmex \ Calculate	%	35	21.4%	<5	<100
Sysmex XS series sysmex \ Calculate	%	35	21.4%	<5	<100
(MCH)平均红细胞血红蛋白含量					
Mindray BC-5100/BC-5300 Series Mindray \ Calculate	pg	29	1.7%	9	174
OTHER Mindray \ Calculate	pg	29	1.3%	7	346
Mindray BC-7500 Mindray \ Electrical impedance	pg	28.9	1.7%	6	<100
Sysmex XN series OTHER \ Calculate	pg	28.8	1.2%	<5	<100
Sysmex XS series sysmex \ Electrical impedance	pg	28.9	0.6%	<5	<100
Sysmex XN series sysmex \ Electrical impedance	pg	29	0.9%	<5	<100
Sysmex XN series Dedicated \ Calculate	pg	28.1	0.9%	<5	<100
Sysmex XE series Dedicated \ Calculate	pg	29.2	1.3%	<5	<100
Sysmex XS series Dedicated \ Calculate	pg	28.2	1.1%	<5	<100
Sysmex XN series sysmex \ Calculate	pg	28.4	1.4%	20	475
OTHER Mindray \ Electrical impedance	pg	29.2	0.9%	<5	<100
Mindray BC-5100/BC-5300 Series Dedicated \ Electrical impedance	pg	29	1.1%	<5	<100
Mindray BC-5600/BC-5800 Mindray \ Calculate	pg	28.5	0.9%	<5	<100
Mindray BC-7500 Mindray \ Calculate	pg	29.8	1.4%	10	146
Sysmex XS series sysmex \ Light scattering	pg	28.6	10.1%	<5	<100
Sysmex XE series sysmex \ Light scattering	pg	29.6	9.5%	<5	<100
Mindray BC-6000 series Mindray \ Light scattering	pg	28.8	10.1%	<5	<100
Sysmex XS series sysmex \ Calculate	pg	27.6	0.6%	<5	<100
Sysmex XN series sysmex \ Light scattering	pg	29.9	9.7%	<5	<100
(MCHC)平均红细胞血红蛋白浓度					
Mindray BC-5100/BC-5300 Series Mindray \ Calculate	g/L	332	4.4%	9	167
OTHER Mindray \ Calculate	g/L	313	2.1%	7	345
Mindray BC-7500 Mindray \ Electrical impedance	g/L	302	1.3%	6	<100
Sysmex XN series OTHER \ Calculate	g/L	325	1%	<5	<100
Sysmex XS series sysmex \ Electrical impedance	g/L	311	1.8%	<5	<100
Sysmex XN series Dedicated \ Calculate	g/L	329	1%	<5	<100
Sysmex XE series Dedicated \ Calculate	g/L	376	3%	<5	<100
Sysmex XS series Dedicated \ Calculate	g/L	323	1.7%	<5	<100
Sysmex XN series sysmex \ Calculate	g/L	328	2.4%	20	479
OTHER Mindray \ Electrical impedance	g/L	305	1.2%	<5	<100
Mindray BC-5100/BC-5300 Series Dedicated \ Electrical impedance	g/L	320	1.2%	<5	<100
Sysmex XN series sysmex \ Electrical impedance	g/L	331	2.2%	<5	<100
Mindray BC-5600/BC-5800 Mindray \ Calculate	g/L	316	1.6%	<5	<100

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项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
Mindray BC-7500	g/L	323	1.6%	10	168
Mindray \ Calculate					
Sysmex XE series	g/L	332	9.3%	<5	<100
sysmex \ Light scattering					
Sysmex XT series	g/L	332	9.6%	<5	<100
sysmex \ Light scattering					
Sysmex XS series	g/L	326	9.8%	<5	<100
sysmex \ Light scattering					
Sysmex XN series	g/L	328	9.5%	<5	<100
sysmex \ Light scattering					
Sysmex XS series	g/L	315	1.1%	<5	<100
sysmex \ Calculate					

(MCV)平均红细胞体积

OTHER	fL	93	1.8%	9	375
Mindray \ Electrical impedance					
Mindray BC-7500	fL	95.7	1.7%	9	121
Mindray \ Electrical impedance					
Mindray BC-5100/BC-5300 Series	fL	89	3.4%	8	203
Mindray \ Electrical impedance					
Mindray BC-5100/BC-5300 Series	fL	88.5	3.2%	6	<100
Mindray \ Calculate					
Mindray BC-6000 series	fL	94.8	1.1%	6	101
Dedicated \ Light scattering					
Sysmex XN series	fL	88.5	1%	<5	<100
OTHER \ Calculate					
Sysmex XN series	fL	87.4	1.9%	<5	<100
sysmex \ Electrical impedance					
Sysmex XS series	fL	92.9	2.3%	<5	<100
sysmex \ Electrical impedance					
Sysmex XE series	fL	77.6	2.8%	<5	<100
Dedicated \ Calculate					
Sysmex XN series	fL	85.4	1.1%	<5	<100
Dedicated \ Calculate					
Sysmex XS series	fL	87.2	1.9%	<5	<100
Dedicated \ Calculate					
Mindray BC-6000 series	fL	92.8	1.1%	<5	123
Dedicated \ Electrical impedance					
Mindray BC-5100/BC-5300 Series	fL	90.7	1.3%	<5	<100
Dedicated \ Electrical impedance					
Mindray BC-5600/BC-5800	fL	89.8	1.2%	<5	<100
Mindray \ Calculate					
Sysmex XE series	fL	90.5	0.7%	<5	<100
Dedicated \ Light scattering					
Sysmex XN series	fL	87	3.3%	18	446
sysmex \ Calculate					
Mindray BC-7500	fL	91.6	1.2%	10	168
Mindray \ Calculate					
Sysmex XE series	fL	87	9.2%	<5	<100
sysmex \ Light scattering					
Sysmex XS series	fL	89	9%	<5	<100
sysmex \ Light scattering					

(NEUT %)嗜中性粒细胞 %

Mindray BC-7500	%	56.3	1.6%	6	<100
Mindray \ Flow cytometry					
Mindray BC-6000 series	%	55.6	4.1%	6	102
Dedicated \ Flow cytometry					
Sysmex XN series	%	47.2	5.8%	<5	<100
sysmex \ Flow cytometry					
Sysmex XN series	%	52.5	14.5%	<5	<100
sysmex \ Calculate					
OTHER	%	56.7	1.4%	<5	<100
Mindray \ Flow cytometry					
Mindray BC-5100/BC-5300 Series	%	66.7	1%	<5	<100
Dedicated \ Flow cytometry					
Sysmex XT series	%	50	20%	<5	<100
sysmex \ Calculate					
Sysmex XS series	%	55	18.2%	<5	<100
sysmex \ Calculate					
Sysmex XE series	%	60	16.7%	<5	<100
sysmex \ Calculate					
Mindray BC-6000 series	%	50	20%	<5	<100
Mindray \ Flow cytometry					

(PLT)血小板

OTHER	Giga/L (1E+9/L)	209	7.4%	9	394
Mindray \ Electrical impedance					
Mindray BC-6000 series	Giga/L (1E+9/L)	198	3.8%	9	225
Dedicated \ Electrical impedance					
Sysmex XS series	Giga/L (1E+9/L)	190	24.5%	9	172
sysmex \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	191	3.8%	7	141
OTHER \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	199	8.3%	6	209
sysmex \ OTHER					
Sysmex XS series	Giga/L (1E+9/L)	189	3.2%	5	111
Dedicated \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	184	3.8%	<5	<100
Dedicated \ Electrical impedance					
Sysmex XE series	Giga/L (1E+9/L)	155	6.7%	<5	<100
Dedicated \ Flow cytometry					
Sysmex XN series	Giga/L (1E+9/L)	189	4.9%	26	559
sysmex \ Electrical impedance					



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项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Mindray BC-7500	Giga/L (1E+9/L)	197	3.9%	21	331
Mindray \ Electrical impedance					
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	196	4.2%	<5	<100
Dedicated \ Electrical impedance					
Mindray BC-5600/BC-5800	Giga/L (1E+9/L)	212	2.5%	<5	<100
Mindray \ Electrical impedance					
Sysmex XE series	Giga/L (1E+9/L)	191	2.5%	<5	<100
Dedicated \ Electrical impedance					
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	199	5.8%	14	314
Mindray \ Electrical impedance					
Mindray BC-6000 series	Giga/L (1E+9/L)	245	10.2%	<5	<100
Mindray \ Electrical impedance					
Sysmex XT series	Giga/L (1E+9/L)	245	10.2%	<5	<100
sysmex \ Light scattering					
Sysmex XE series	Giga/L (1E+9/L)	255	9.8%	<5	<100
sysmex \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	196	3.1%	<5	<100
sysmex \ Light scattering					
(RBC)红细胞					
Mindray BC-5100/BC-5300 Series	T/L (1E+12/L)	4.68	4.3%	9	167
Mindray \ Electrical impedance					
Sysmex XN series	T/L (1E+12/L)	4.75	1.7%	8	156
sysmex \ Flow cytometry					
OTHER	T/L (1E+12/L)	4.66	1.1%	7	351
Mindray \ Electrical impedance					
Sysmex XN series	T/L (1E+12/L)	4.68	1.4%	7	141
OTHER \ Electrical impedance					
Mindray BC-7500	T/L (1E+12/L)	4.66	1.5%	6	<100
Mindray \ Light scattering					
Sysmex XN series	T/L (1E+12/L)	4.77	1.4%	6	193
sysmex \ OTHER					
Sysmex XS series	T/L (1E+12/L)	4.75	5.4%	6	121
sysmex \ Electrical impedance					
Mindray BC-6000 series	T/L (1E+12/L)	4.67	0.8%	6	101
Dedicated \ Light scattering					
Sysmex XS series	T/L (1E+12/L)	4.7	0.8%	5	111
Dedicated \ Electrical impedance					
Sysmex XN series	T/L (1E+12/L)	4.69	1.1%	<5	<100
Dedicated \ Electrical impedance					
Sysmex XE series	T/L (1E+12/L)	4.74	1.6%	<5	<100
Dedicated \ Flow cytometry					
Mindray BC-6000 series	T/L (1E+12/L)	4.72	0.8%	<5	124
Dedicated \ Electrical impedance					
OTHER	T/L (1E+12/L)	4.69	1%	<5	<100
Mindray \ Light scattering					
Mindray BC-5100/BC-5300 Series	T/L (1E+12/L)	4.61	1.3%	<5	<100
Dedicated \ Electrical impedance					
Mindray BC-5600/BC-5800	T/L (1E+12/L)	4.85	1.3%	<5	<100
Mindray \ Electrical impedance					
Sysmex XE series	T/L (1E+12/L)	4.8	0.6%	<5	<100
Dedicated \ Light scattering					
Sysmex XN series	T/L (1E+12/L)	4.66	2.3%	16	361
sysmex \ Electrical impedance					
Mindray BC-7500	T/L (1E+12/L)	4.53	1.9%	13	229
Mindray \ Electrical impedance					
Sysmex XN series	T/L (1E+12/L)	4.41	10.4%	<5	<100
sysmex \ Light scattering					
(WBC)白细胞					
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	7.36	5.5%	9	170
Mindray \ Electrical impedance					
OTHER	Giga/L (1E+9/L)	7.57	7.2%	7	338
Mindray \ Flow cytometry					
Sysmex XN series	Giga/L (1E+9/L)	7.51	3%	7	141
OTHER \ Electrical impedance					
Mindray BC-7500	Giga/L (1E+9/L)	7.42	2.1%	6	<100
Mindray \ Light scattering					
Mindray BC-6000 series	Giga/L (1E+9/L)	7.26	1.8%	6	101
Dedicated \ Light scattering					
Sysmex XS series	Giga/L (1E+9/L)	7.6	1.6%	5	112
Dedicated \ Electrical impedance					
Sysmex XS series	Giga/L (1E+9/L)	7.88	4.3%	<5	<100
sysmex \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	7.31	1.5%	<5	<100
Dedicated \ Electrical impedance					
Sysmex XE series	Giga/L (1E+9/L)	7.79	2.3%	<5	<100
Dedicated \ Flow cytometry					
Mindray BC-6000 series	Giga/L (1E+9/L)	7.28	1.9%	<5	124
Dedicated \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	7.73	3.6%	20	529
sysmex \ Flow cytometry					
OTHER	Giga/L (1E+9/L)	7.27	2.3%	<5	<100
Mindray \ Light scattering					
Mindray BC-5100/BC-5300 Series	Giga/L (1E+9/L)	7.33	2.2%	<5	<100
Dedicated \ Electrical impedance					
Mindray BC-5600/BC-5800	Giga/L (1E+9/L)	7.31	2.6%	<5	<100
Mindray \ Electrical impedance					
Sysmex XE series	Giga/L (1E+9/L)	8.05	2%	<5	<100
Dedicated \ Light scattering					
Mindray BC-7500	Giga/L (1E+9/L)	7.82	3.2%	13	224
Mindray \ Electrical impedance					
Sysmex XN series	Giga/L (1E+9/L)	7.5	3.2%	11	230
sysmex \ Electrical impedance					

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Sysmex XN series sysmex \ Light scattering	Giga/L (1E+9/L)	7.29	10%	<5	<100
Sysmex XE series sysmex \ Light scattering	Giga/L (1E+9/L)	7.36	9.8%	<5	<100

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