



Andrology

Name	Line No.	Specimen 1			Specimen 2			No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD	
Sperm Count								
Initial Grouping by Method								
Manual Makler	1	0.0 - 8.0	C 1.0	0.0	10.0 - 24.0	C 16.5	3.8	212
Manual Micro Cell	2	0.0 - 8.0	C 0.8	6.4	9.0 - 23.0	C 15.7	3.0	69
Manual Hemacytometer	3	0.0 - 7.0	C 0.0	0.2	10.0 - 24.0	C 17.1	4.1	73
CASA Makler	4	0.0 - 7.0	C 0.0	0.0	10.0 - 24.0	C 17.2	4.1	39
CASA Micro Cell	5	0.0 - 7.0	C 0.0	0.0	9.0 - 23.0	C 16.1	2.8	30
Manual Cell-Vu	6	0.0 - 7.0	C 0.0	0.0	8.0 - 22.0	C 15.0	4.8	22
CASA Mid Atlantic / Leja Standard	7	0.0 - 7.0	C 0.0	0.0	7.0 - 21.0	C 13.6	1.8	17
Manual Mid Atlantic / Leja Standard	8	0.0 - 7.0	C 0.0	0.0	7.0 - 21.0	C 14.5	3.1	33
Total Population								
Whole Population	9	0.0 - 7.0	C 0.0	0.2	9.0 - 23.0	C 16.1	3.0	534

Sperm Morphology Routine, Traditional Slide

Initial Grouping by Method								
WHO (3rd Edition)	1	7.0 - 59.0	S 33.0	8.5	0.0 - 30.0	S 13.1	5.5	45
WHO (4th Edition)	2	0.0 - 34.0	S 17.0	5.6	1.0 - 12.0	S 6.4	1.8	28
Other	3	0.0 - 132.0	S 36.9	31.7	0.0 - 114.0	S 25.7	29.4	14
Total Population								
Whole Population	4	14.0 - 50.0	S 32.2	6.1	6.0 - 29.0	S 17.2	3.8	104

Sperm Morphology Strict (Kruger), Traditional Slide

Initial Grouping by Method								
Strict (Kruger)	1	0.0 - 18.0	S 9.1	2.9	0.0 - 8.0	C 2.8	0.8	278
Total Population								
Whole Population	2	3.0 - 15.0	S 8.8	2.0	0.0 - 7.0	C 2.4	0.5	278

Sperm Morphology Routine, Digital Slide

Initial Grouping by Method								
WHO (3rd Edition)	1	0.0 - 79.0	S 32.9	15.4	0.0 - 26.0	S 7.5	6.3	31
Total Population								
Whole Population	2	0.0 - 78.0	S 29.2	16.1	0.0 - 19.0	S 5.4	4.7	58

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Sperm Morphology Strict (Kruger), Digital Slide										
Whole Population	1	4.0 - 15.0	S	9.6	1.8	0.0 - 6.0	C	1.0	0.0	169
Sperm Viability										
Whole Population	1	9.0 - 29.0	C	18.5	3.2	68.0 - 102.0	P	85.4	5.6	268