



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	28.0 - 52.0	P 39.6	9.0	5.0 - 19.0	C 12.1	3.0	206
Manual Micro Cell	2	22.0 - 42.0	P 32.0	7.2	4.0 - 18.0	C 11.3	2.0	70
Manual Hemacytometer	3	37.0 - 69.0	P 53.3	11.0	8.0 - 22.0	C 14.6	2.7	85
CASA Makler	4	28.0 - 53.0	P 40.6	9.1	5.0 - 19.0	C 11.7	2.8	37
CASA Micro Cell	5	23.0 - 42.0	P 32.3	6.5	4.0 - 18.0	C 10.9	2.1	28
Manual Cell-Vu	6	23.0 - 43.0	P 32.8	10.7	2.0 - 16.0	C 9.4	2.8	25
CASA Mid Atlantic / Leja Standard	7	25.0 - 46.0	P 35.1	9.0	4.0 - 18.0	C 11.5	3.0	16
Manual Mid Atlantic / Leja Standard	8	22.0 - 41.0	P 31.8	5.6	4.0 - 18.0	C 10.5	2.6	36
Total Population								
Whole Population	9	27.0 - 50.0	P 38.3	7.3	5.0 - 19.0	C 11.9	2.2	535

Sperm Morphology Routine, Traditional Slide

Initial Grouping by Method								
WHO (3rd Edition)	1	0.0 - 61.0	S 30.1	10.3	3.0 - 45.0	S 23.7	7.1	48
WHO (4th Edition)	2	4.0 - 31.0	S 17.5	4.5	3.0 - 25.0	S 14.1	3.6	33
Other	3	0.0 - 129.0	S 36.2	31.0	0.0 - 157.0	S 49.9	35.6	15
Total Population								
Whole Population	4	8.0 - 45.0	S 26.9	6.2	11.0 - 47.0	S 28.7	6.0	113

Sperm Morphology Strict (Kruger), Traditional Slide

Initial Grouping by Method								
Strict (Kruger)	1	0.0 - 16.0	S 8.2	2.7	0.0 - 13.0	S 6.0	2.2	271
Total Population								
Whole Population	2	3.0 - 13.0	C 8.4	1.7	1.0 - 11.0	C 5.9	1.5	271

Sperm Morphology Routine, Digital Slide

Initial Grouping by Method								
WHO (3rd Edition)	1	0.0 - 27.0	S 10.2	5.5	0.0 - 88.0	S 37.8	16.7	35
WHO (4th Edition)	2	0.0 - 16.0	S 5.2	3.6	0.0 - 50.0	S 22.4	9.3	17
Total Population								

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Whole Population	3	0.0 - 28.0	S	9.6	6.3	0.0 - 89.0	S	35.6	17.8	71

Sperm Morphology Strict (Kruger), Digital Slide

Whole Population	1	0.0 - 7.0	C	2.0	0.0	4.0 - 20.0	S	11.9	2.6	169
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Sperm Viability

Whole Population	1	8.0 - 28.0	C	17.6	3.1	50.0 - 75.0	P	62.5	6.7	266
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