



SQA-Vision WHO 6th Edition Reference Ranges

SEMEN PARAMETER	REFERENCE RANGE	SOURCE
VOLUME	≥ 1.4 ML	WHO 6th Edition
pH	≥ 7.2	WHO 6th Edition
WBC CONCENTRATION	≤ 1 M/ml	WHO 5th Edition
DEBRIS / ROUND CELLS	N/A	Not Established
CONCENTRATION	≥16 M/mL	WHO 6th Edition
MOTILITY	≥ 42 %	WHO 6th Edition
PROGRESSIVE MOTILITY	≥ 30 %	WHO 6th Edition
RAPIDLY PROGRESSIVE	N/A	Not Established
SLOWLY PROGRESSIVE	N/A	Not Established
NON-PROGRESSIVE	≤ 1 %	WHO 6th Edition
IMMOTILE	≤ 20 %	WHO 6th Edition
MORPHOLOGY (NORM.)	≥ 4 %	WHO 6th Edition
VITALITY (LIVE/DEAD)	≥ 54 %	WHO 6th Edition
DNA FRAGMENTATION INDEX	≤ 30 %	Medical Electronic Systems
MOTILE SPERM CONC.	≥ 6 M/ml	Medical Electronic Systems
PR MOTILE SPERM CONC.	≥ 5 M/ml	Medical Electronic Systems
RAPID PR MOTILE SPERM CONC.	N/A	Not Established
SLOW PR MOTILE SPERM CONC.	N/A	Not Established
FUNCTIONAL SPERM CONC.	N/A	Not Established
VELOCITY (AVERAGE PATH)	≥ 5 Mic./Sec.	Medical Electronic Systems
SPERM MOTILITY INDEX	≥ 80	Medical Electronic Systems
SPERM NUMBER	≥ 39 M/ejac	WHO 6th Edition
MOTILE SPERM	≥ 16 M/ejac	Medical Electronic Systems
PROG. MOTILE SPERM	≥ 12 M/ejac	Medical Electronic Systems
FUNCTIONAL SPERM	N/A	Not Established
MORPH. NORMAL SPERM	≥ 2 M/ejac	Medical Electronic Systems