

Section 1: Overview

The QwikCheck™ Gold Equine sperm quality analyzer is used to test and report the quality of FRESH, EXTENDED and COOLED equine semen. The following semen parameters are reported:

Reported Semen Parameters				
Parameter	On Screen	Normal Reference Values	Raw	Extended / Cooled
Sperm Concentration, M/ml	CONC.	100-800*	√	√**
Motility, %	MOTILITY	>50*	√	√**
Progressive Motility, %	PROG. MOT.	>50*	√	√**
Morphology, %	MORPHOLOGY	50*	√	
Velocity, mic/sec	VELOC.		√	√
Total Sperm Number, Bil.	SPERM #		√	
Total Motile Sperm, Bil.	MOTILE SPERM		√	
Total Progressively Motile Sperm, Bil.	PROG. SPERM		√	

*Reference values for equine raw semen: <http://www.vetstream.com/equis/Content/LabTest/lab00123.asp>

**These results are reported in ranges.

Section 2: System Overview

**QwikCheck™
Gold Equine
Sperm Quality
Analyzer**



**QwikCheck™
Gold Equine
on-board sample
heating unit**

- On-board sample heating unit will pre-heat:
- 3 testing capillaries
 - 3 – 10ml sample containers

