

Macroscopic evaluation

SEMEN EVALUATION I : MACROSCOPIC EVALUATION

Macroscopic evaluation

- Colour
- Volume
- Consistency

Microscopic evaluation

- Motility
- Live and dead
- Morphology

CONSISTENCY

- as a measure of how "thick" or "watery" the sample is.
- Highly viscous semen may inhibit sperm motility and make it more difficult for your sperm cells to reach the female egg.

COLOUR

Animal	Colour of semen
Bull	creamy, white orgreyish
Buck	grayish white toyellow
Ram	milky-white or a pale creamy colour

Colour	Description
Translucent	Contain few sperm
Curdy	infection
Yellow	contain riboflavin.if urine, has a distinctive odor
Pink	indicates blood (injury of the penis atcollection).

VOLUME

- Young animal: small size, low volume
- Frequent ejaculation results in lower average volume.
- When two ejaculates are obtained consecutively, the second usually has the lower volume
- Small volume is not harmful, but if accompanied by a low sperm concentration, total output decline.
- Buck: 1m(0.5-1.2mL).