







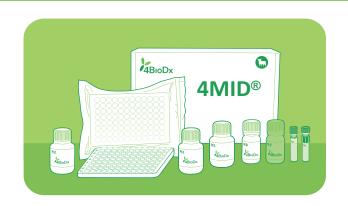
Bull 4MID® Kit (Ref. 4VDX-18K4) A Functional Assay of Sperm Quality and Male Fertility

Bull 4MID® Kit Main Advantages

- Based on a functional sperm parameter called proAKAP4
- Only few microliters required
- Working with fresh, chilled or frozen semen in extenders
- Easy to use, robust and cost-saving test

Bull 4MID® Kit Description

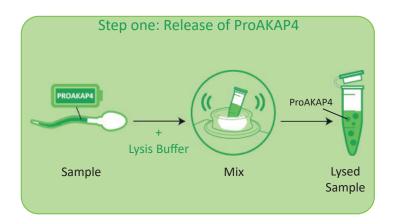
The Bull 4MID[®] Kit (Ref. 4VDX-18K4) is a robust ELISA kit that contains all reagents and buffers required for the quantification of proAKAP4 protein in all types of bull semen samples.

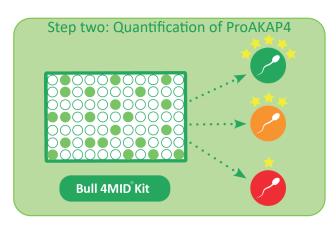


Product reference	4VDX-18K4
Specificity	Bull proAKAP4
Analytical range	0 - 150 ng
Number of analysis	1 to 88 samples



Bull 4MID® Kit (4VDX-18K4) An Innovative Approach to Assess Sperm Quality and Fertility





Applications of the Bull 4MID® Kit:

- Semen quality assessments
- Qualification of each ejaculate / each straw
- Functional indicator of male fertility
- Monitoring tool of bull career
- Selection of sperm with long-lasting motility





Background: ProAKAP4 as a Functional Marker of Sperm Motility and Male Fertility

ProAKAP4 is the precursor of AKAP4 that is a structural protein playing a key role in sperm motility, capacitation and fertility. Spermatozoa without proAKAP4 are abnormal, immobile and infertile. The concentrations of proAKAP4 marker are good indicators of sperm quality and fertility and of how the spermatozoa will stay motile and fertile overtimes.



Main References

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