









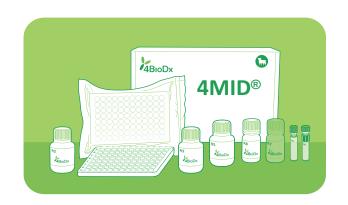
Bull 4MID® Kit (Ref. 4VDX-18K4) A Functional Assay of Sperm Quality and Male Fertility

Bull 4MID® Kit Main Advantages

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

Bull 4MID® Kit Description

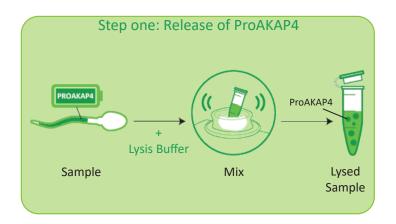
The Bull 4MID[®] Kit (Ref. 4VDX-18K4) is a robust ELISA kit that contains all reagents and buffers required for the quantification of proAKAP4 protein in all types of bull semen samples.

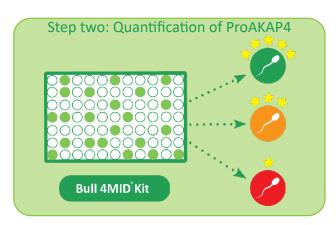


Product reference	4VDX-18K4
Specificity	Bull proAKAP4
Analytical range	0 - 150 ng
Number of analysis	1 to 88 samples



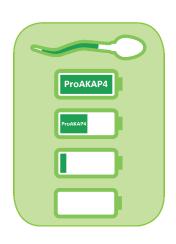
Bull 4MID® Kit (4VDX-18K4) An Innovative Approach to Assess Sperm Quality and Fertility





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 is 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 concentration of the proAKAP4 marker is a good indicator of sperm quality and fertility and of how the spermatozoa will stay motile and fertile over time.



Main References

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