

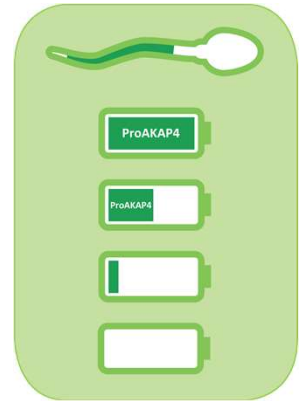
# Goat 4MID<sup>®</sup> Kit (4VDX-18K9)

## A Functional Assay of Sperm Quality and Male Fertility

### What is the Goat 4MID<sup>®</sup> Kit ?

The **Goat 4MID<sup>®</sup> Kit (Ref. 4VDX-18K9)** is an innovative approach to assess **sperm quality and fertility** based on the detection of proAKAP4 concentrations.

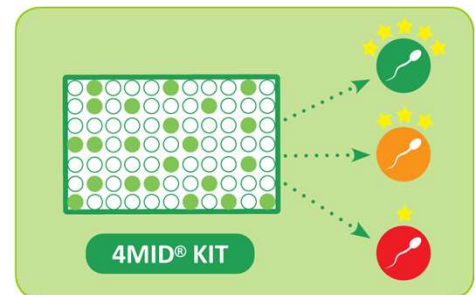
**ProAKAP4** is the precursor of AKAP4 that is a structural protein playing a key role in **sperm motility, capacitation and fertility**. The concentrations of proAKAP4 marker are good indicators of sperm quality and fertility



The higher the concentration of proAKAP4 is, the better is the quality of the semen

### Applications of the Goat 4MID<sup>®</sup> Kit

- Semen quality **assessments**
- **Qualification** of each ejaculate / each dose
- **Functional indicator** of fertility
- **Monitoring tool** of buck career
- Selection of sperm of long **lasting motility**



### Applications of the Goat 4MID<sup>®</sup> Kit

Product reference	4VDX-18K9
Specificity	Goat ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples



The **Goat 4MID<sup>®</sup> Kit (Ref. 4VDX-18K9)** contains all reagents and buffers required for the **quantification of proAKAP4** protein in all types of goat semen sample (**fresh, chilled and frozen semen**).

