

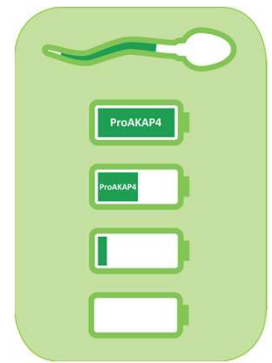
# Dog 4MID<sup>®</sup> Kit (4VDX-18K5)

## A Functional Assay of Sperm Quality and Male Fertility

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

The **Dog 4MID<sup>®</sup> Kit (Ref. 4VDX-18K5)** is a testing kit to assess **sperm quality and fertility** based on the detection of proAKAP4 concentrations.

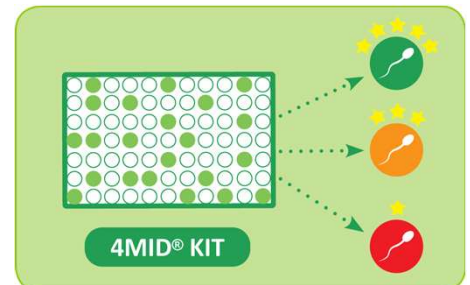
**ProAKAP4** is the precursor of AKAP4 that is a structural protein playing a key role in **sperm motility, capacitation and fertility**. The concentrations of proAKAP4 marker are good indicators of sperm quality and male fertility



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

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

- Semen quality **assessments**
- **Qualification** of each ejaculate / each dose
- **Functional indicator** of fertility
- **Monitoring tool** of stud dog career
- Selection of sperm with **long-lasting motility**
- **All dog breeds**



### Main Technical Characteristics

Product reference	4VDX-18K5
Specificity	Dog ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples



The **Dog 4MID<sup>®</sup> Kit (Ref. 4VDX-18K5)** contains all reagents and buffers required for the **quantification of proAKAP4** protein in dog semen sample (**fresh, chilled or frozen semen in extenders**).

