

Cat 4MID[®] Kit (4VDX-19K10)

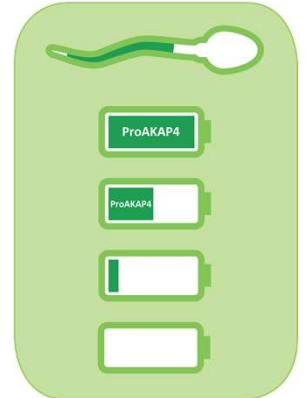
A Functional Assay of Sperm Quality and Male Fertility

What is the Cat 4MID[®] Kit ?

The **Cat 4MID[®] Kit (Ref. 4VDX-19K10)** is a testing kit to assess **sperm quality and fertility** based on the detection of proAKAP4 concentrations.

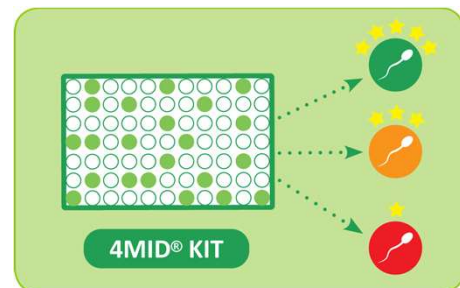
ProAKAP4 is the precursor of AKAP4 that is a structural protein playing a key role in **sperm motility, capacitation and fertility**. The concentrations of proAKAP4 marker are good indicators of sperm quality and male fertility

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



Applications of the Cat 4MID[®] Kit

- Semen quality **assessments**
- **Qualification** of each ejaculate / each dose
- **Functional indicator** of male fertility
- **Monitoring tool** of cat semen quality
- Selection of sperm with **long-lasting motility**
- All feline **breeds**



Main Technical Characteristics

Product reference	4VDX-19K10
Specificity	Cat ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples



The **Cat 4MID[®] Kit (Ref. 4VDX-19K10)** contains all reagents and buffers required for the **quantification of proAKAP4** protein in cat semen sample (**fresh, chilled and frozen semen in extenders**).

