



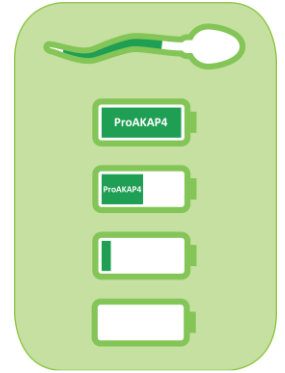
A Functional Assay of Sperm Quality and Male Fertility

What is the Pig 4MID[®] Kit ?

The **Pig 4MID[®] Kit (Ref. 4VDX-18K2)** is an innovative approach to assess **sperm quality and fertility** based on the detection of proAKAP4 concentrations.

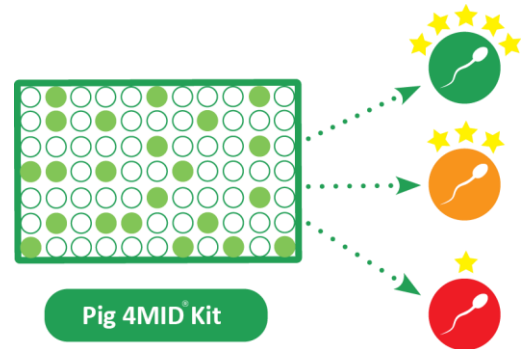
ProAKAP4 is the precursor of AKAP4 that is a structural protein playing a key role in **sperm motility, capacitation and fertility**. The concentrations of proAKAP4 marker are good indicators of sperm quality and fertility

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



Applications of the Pig 4MID[®] Kit

- Semen quality **assessments**
- Warrant **shelf-life** of boar semen
- **Qualification** of each ejaculate / each dose
- **Functional indicator** of fertility
- Monitoring **tool** of boar career
- Selection of sperm with **long-lasting motility**



Applications of the Pig 4MID[®] Kit

Product reference	4VDX-18K2
Specificity	Pig ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples



The **Pig 4MID[®] Kit (Ref. 4VDX-18K2)** contains all reagents and buffers required for the **quantification of proAKAP4** protein in all types of pig semen sample (**fresh, chilled and frozen semen**).

