

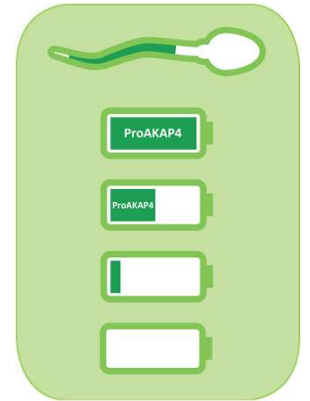
Ram 4MID[®] Kit (4VDX-18K7)

A Functional Assay of Sperm Quality and Male Fertility

What is the Ram 4MID[®] Kit ?

The **Ram 4MID[®] Kit (Ref. 4VDX-18K7)** is an innovative approach to assess **sperm quality and fertility** based on the detection of proAKAP4 concentrations.

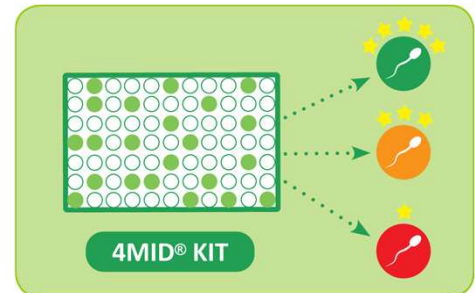
ProAKAP4 is the precursor of AKAP4 that is a structural protein playing a key role in **sperm motility, capacitation and fertility**. The concentrations of proAKAP4 marker are good indicators of sperm quality and fertility



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

Applications of the Ram 4MID[®] Kit

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



Applications of the Ram 4MID[®] Kit

Product reference	4VDX-18K7
Specificity	Ram ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples

The **Ram 4MID[®] Kit (Ref. 4VDX-18K7)** contains all reagents and buffers required for the **quantification of proAKAP4** protein in all types of ram semen sample (**fresh, chilled and frozen semen**).

