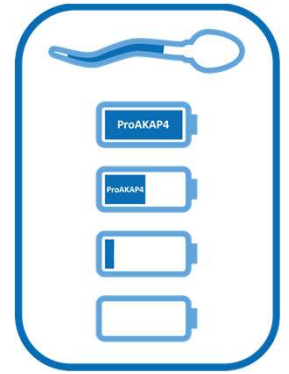


Mouse 4MID[®] Kit (4VDX-18K8)

A Functional Assay of Sperm Quality and Male Fertility

What is the Mouse 4MID[®] Kit ?

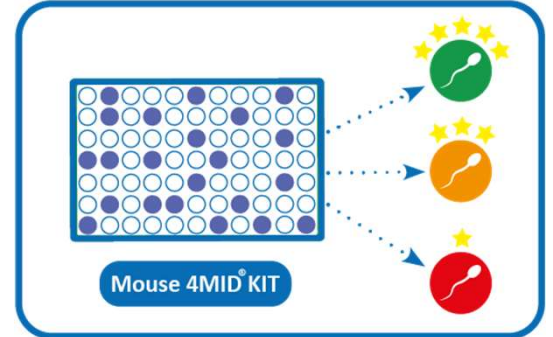
ProAKAP4 is the **precursor of AKAP4** that is playing a key role in **flagellar structure, capacitation, sperm motility and fertility**. Spermatozoa **without proAKAP4** are abnormal, immobile and **infertile**. The concentrations of proAKAP4 marker are **good indicators of sperm quality and fertility** and of how the spermatozoa will stay motile and fertile overtimes.



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

Applications of the Mouse 4MID[®] Kit

- Selection of semen with best quality
- Selection of rodent semen for **cryopreservation**
- **Qualification** of each collected semen
- **Functional indicator** of fertility
- Indicator of **spermatofenesis quality**
- **Improve** the preservation of rodent strains



Applications of the Mouse 4MID[®] Kit

Product reference	4VDX-18K8
Specificity	Rodent ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples



The **Mouse 4MID[®] Kit (Ref. 4VDX-18K8)** contains all reagents and buffers required for the **quantification of proAKAP4** protein in all types of rodent semen sample (**fresh, chilled and frozen semen**).

