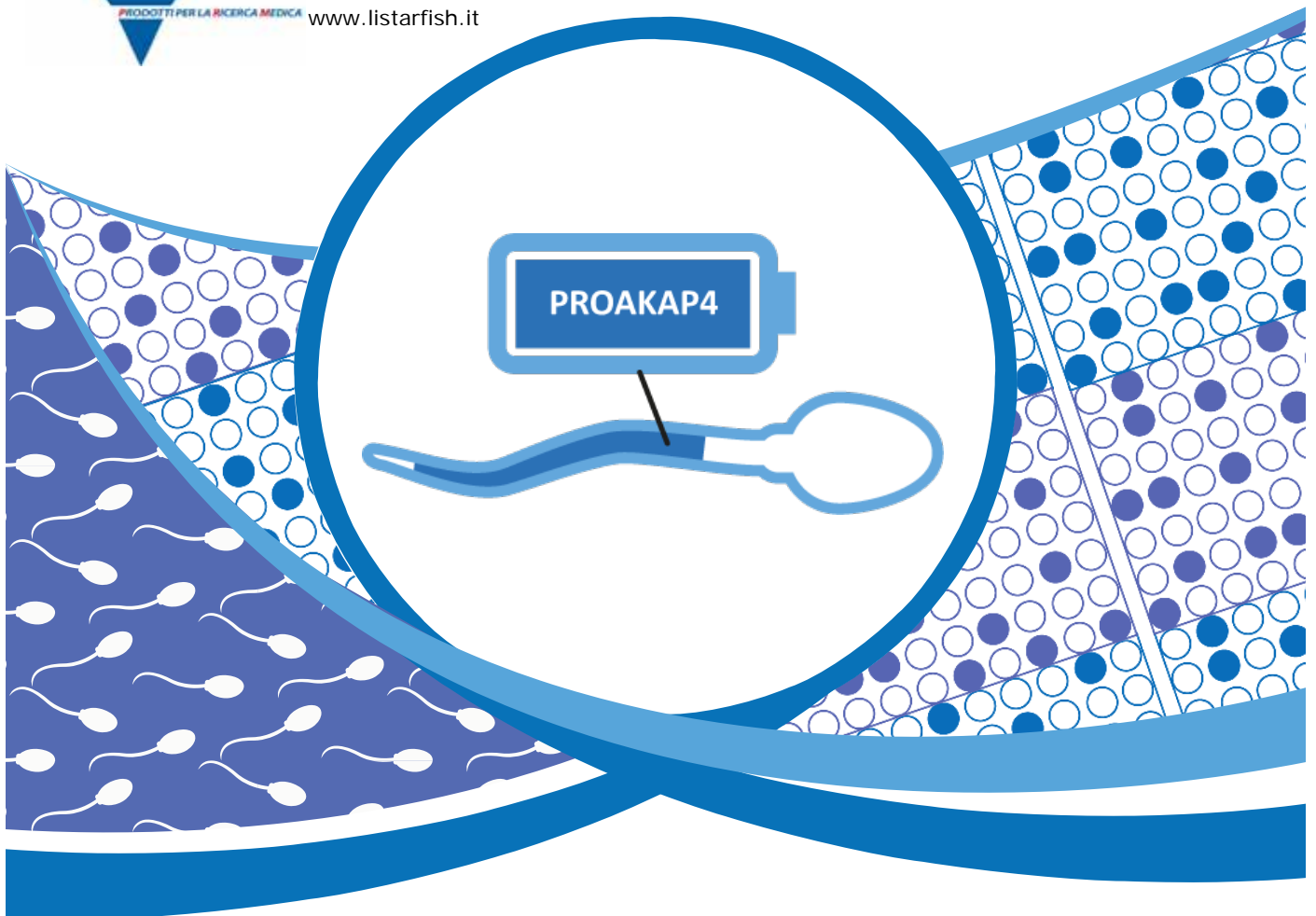


# ProAKAP4 ELISA Kit

## Ref. 4BDX-18K12 RUO



Distribuito in ITALIA da  
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## A Functional Assay To Improve Sperm Quality Assessment

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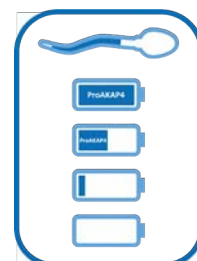


## ProAKAP4 ELISA Kit (4BDX-18K12 RUO)

### An Innovative Approach to Assess Sperm Quality and Fertility

#### ProAKAP4 is a Functional Marker of Sperm Motility and Male Fertility

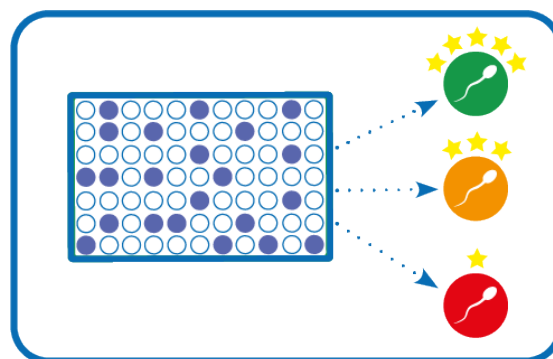
ProAKAP4 is the precursor of AKAP4 that is playing a key role in flagellar structure, capacitation, sperm motility and fertility. Spermatozoa without proAKAP4 are abnormal, immobile and infertile. The concentration of proAKAP4 marker is a good indicator of sperm quality and fertility and of how the spermatozoa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



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

#### Applications of the ProAKAP4 ELISA Kit:

- Selection of semen with the best quality
- Selection of sperm with long-lasting motility
- Qualification of each collected semen
- Functional indicator of fertility
- Indicator of spermatogenesis quality
- Selection of semen for cryopreservation



#### ProAKAP4 ELISA Kit Description

Product reference	4BDX-18K12 RUO
Specificity	Human, rodent ProAKAP4
Analytical range	0-150 ng
Number of analysis	1 to 88 samples



The ProAKAP4 ELISA Kit (Ref. 4BDX-18K12 RUO) is a sandwich ELISA kit that contains all reagents and buffers required for the quantification of proAKAP4 protein in all types of semen sample (fresh, chilled and frozen semen).