

Mouse Titin N-Fragment (Serum) ELISA Kit

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CATALOG #
AAA72734

REACTIVITY
Mouse

PRODUCT SYNONYMS

Titin N-Fragment (Serum); Mouse Titin N-Fragment (Serum) ELISA Kit; Titin N-Fragment (Serum) elisa kit

PRODUCT SPECIFICATIONS

Reactivity

Mouse

ADDITIONAL INFORMATION

Related Product Information for Titin N-Fragment (Serum) elisa kit

Sandwich ELISA with a combination of two antibodies against Titin N-Fragments. A titin fragment containing N-terminal region in mouse serum can be measured. For research use only, not for use in test procedures.

Titin (connectin) is a protein that consists of 34,350 amino-acid and specifically expresses in a cross-striated muscle. The molecular weight of human titin is 3,816 kDa and it has been known that as the largest protein among the existing proteins in a living body. It is one of sarcomere structured protein that is a minimum unit of myofibrillary protein and it has a role as an elastic protein for recovering the length of shortened sarcomere by its contraction. It has been known that titin is cleaved by protein metabolic enzymes such as calpain and matrix metalloprotease if muscles are damaged.

Titin has been researched in the field of sports medicine, cardiac disease, NAFLD, sarcopenia and frailty and it is also considered that it can be a candidate as a non-invasive biomarker for monitoring status of muscles.

Product Categories/Family for Titin N-Fragment (Serum) elisa kit

[ELISA Kits](#)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/titin-n-fragment-serum/72734>