

## PRODUCT DATA SHEET

### NT-proBNP Human, Sheep Polyclonal Antibody

**Cat. No.:** RD184486100

**Size:** 0.1 mg

**Source of Antigen:** E. coli

**Type:** Polyclonal Antibody

**Host:** Sheep

**Isotype:** IgG

**Other Names:**

N-terminal Prohormone of Brain Natriuretic Peptide

**Preparation:**

The antibody was raised in sheep by immunization with the recombinant Human NT-proBNP.

**Amino Acid Sequence of Immunogen:**

Recombinant Human NT-proBNP, total 83 AA. MW: 9.4 kDa (calculated). UniProtKB acc. no. P16860 (His27–Arg102). N-terminal His-tag (7 extra AA).

MKHHHHHHPL SPGSASDLE TSGLQEQRNH LQGKLSLELQV EQTSLEPLQE SPRPTGVWKS  
REVATEGIRG HRKMVLYTLR APR

**Purification Method:**

Immunoaffinity chromatography on a column with immobilized recombinant Human NT-proBNP.

**Species Reactivity:**

Human. Not yet tested in other species.

**Antibody Content:**

0.1 mg (determined by BCA method, BSA was used as a standard)

**Formulation:**

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

**Reconstitution:**

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Quality Control:**

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

**Note:**

This product is for research use only.