
H-FABP

Human, Recombinant, *E. coli*

Cat. No.: RCP9203

Size: 10µg

Synonym: FABP-H; Fatty Acid Binding Protein Muscle and Heart; Fatty Acid Binding Protein Skeletal Muscle; Mammary Derived Growth Inhibitor; MDGI; FABP-3

Description: Fatty acid binding protein is one of a group of low-molecular weight proteins involved in the solubilization and transport of fatty acids. The release of cytoplasmic heart fatty acid-binding protein (H-FABP) into the plasma of cardiac patients is used as a marker of cardiac damage. In 18 out of 22 patients with established AMI the plasma FABP level was at or above the threshold level in blood-samples taken within 3.5 hours after the first onset of symptoms of AMI, which compares very favourably with more established markers such as CK-MB.

RANDOX recombinant FABP comprises a 133 amino acid fragment (1-133) corresponding to the mature FABP protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Furuhashi, M. *et al.* (2003) *Nephron Clin Pract.* **93(2):** C69-74.