
Product Data Sheet

Product Name: FABP3 Human

Cat. No.: GP23449

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Fatty acid-binding protein heart; H-FABP; Heart-type fatty acid-binding protein; Muscle fatty acid-binding protein; M-FABP; Mammary-derived growth inhibitor; MDGI; FABP3; FABP11; O-FABP.		
Formulation	50mM phosphate borate buffer pH-8.		

Introduction

Recombinant Fatty Acid Binding Protein is a newly introduced plasma marker of acute myocardial infarction (AMI). The plasma kinetics of FABP (15kD) closely resemble those of myoglobin in that elevated plasma concentrations are found within 2 hours after AMI and return to normal generally within 18 to 24 hours. But the concentration of FABP in the skeletal muscle is 20 times lower than in cardiac tissue (for myoglobin the same content for cardiac and skeletal tissue), that makes FABP to be more cardiac specific than myoglobin. This makes FABP a useful biochemical marker for the early assessment or exclusion of AMI. FABP also appears to be a useful plasma marker for the estimation of myocardial infarct size.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

FABP3 Human Recombinant is a non-glycosylated polypeptide chain produced in E.Coli. FABP3 is purified by standard chromatography techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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