# Fatty Acid Binding Protein (H-FABP)

## Item Number: H-FABP

## Introduction

Discover H-FABP for early AMI detection. High-purity monoclonal antibodies, ideal for LF, ELISA, and CLIA assays. Detection limit ≤2.0ng/mL. Reliable cardiac marker solution

Learn More

| Feature | Description |
|---|---|
| Product Name | Fatty Acid Binding Protein (H-FABP) Antibody |
| Host Species | Mouse |
| Application | LF, ELISA, CLIA |
| Immunogen | Recombinant Human H-FABP |
| Form/Appearance | Purified Monoclonal Antibody |
| Preservatives | 0.02% Sodium Azide |
| Isotype | IgG2b |
| Clonality | Monoclonal |
| Purity | >95% |
| Buffer | 10 mM Phosphate Buffered Saline, pH 7.0 |
| Specificity | FABP |

| Condition | Description |
|---|---|
| Storage (Short Term) | 2-8°C |
| Storage (Long Term) | -20°C. Avoid repeated freezing and thawing. |
| Shipping | Cold Packs |
| Stability | 4-30°C, sealed in aluminum foil bag, meets requirements 2.1-2.7 within 1 month of expiration date |

| Indicator | Specification |
|---|---|
| Appearance (Packaging) | Product outer packaging box and aluminum foil packaging bag should be complete and undamaged. |
| Appearance (Buffer) | Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof. |
| Buffer Volume | 2mL, Net content should be within the range of 2.0g±0.1g. |
| Buffer pH | Should be within the range of 7.2±0.2. |
| Appearance (Test Strip) | Clean and flat appearance, no burrs, no damage, no pollution; material firmly attached. |
| Test Strip Width | Should not exceed ±0.20mm of the nominal value, the nominal value is 4.00mm. |
| Migration Speed | Liquid migration speed should not be less than 10mm/min. |
| Minimum Detection Limit | H-FABP: ≤2.0ng/mL |
| Linear Range | H-FABP: Within the range of 2.0ng/mL~100.0ng/mL, the linear correlation coefficient r≥0.990. |
| Accuracy | Verified by comparison test, correlation coefficient r≥0.975, relative deviation no more than 20%. |
| Repeatability | Reagent kit repeatability should be no more than 10%. |
| Inter-batch Precision | Reagent kit inter-batch difference should be no more than 15%. |