

Life Diagnostics, Inc.

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Human Cardiac Fatty Acid Binding Protein

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|---------------|---|
| Catalog No. | 1610 |
| Analysis | SDS PAGE: Single 15 kDa band |
| Purity | ≥98% |
| Concentration | 0.5 - 2mg/ml |
| Buffer | 150 mM NaCl, 10 mM sodium phosphate, 0.05% NaN ₃ (pH 7.2) or 75 mM NaCl, 5 mM sodium phosphate (pH 7.2), 0.025% NaN ₃ containing 50% glycerol |
| Storage | -20°C (do not store at lower temperatures) |
| Source | Human cardiac tissue |

Cardiac fatty acid-binding protein (FABP) is a small cytosolic protein that is abundant in the heart and skeletal muscle. Following cardiac muscle injury it appears in the blood as early as 1.5 h, peaks around 6 h and returns to baseline values in 24 h. These features make cardiac FABP a useful biomarker for detection of heart disease. FABP is purified using a combination of gel filtration and ion-exchange chromatography.

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