

# ***Life Diagnostics, Inc.***

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## ***Guinea Pig Cardiac Fatty Acid Binding Protein***

|               |  |
|---------------|--|
| Catalog No.   | 7936   |
| Analysis      | SDS PAGE: Single 15 kDa band   |
| Purity        | ≥95%   |
| Concentration | 0.2 - 1 mg/ml (Assuming $A_{280} = 0.943$ for a 1 mg/ml solution, 1 cm pathlength) |
| Buffer        | 150 mM NaCl, 10 mM sodium phosphate, 0.05% NaN <sub>3</sub> (pH 7.2)               |
| Storage       | -20°C (do not store at lower temperatures)   |
| Source        | Guinea Pig hearts  |

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 rapidly appears in the blood. Cardiac FABP is therefore a useful biomarker for detection of cardiac damage. FABP is purified at Life Diagnostics using a combination of gel filtration and ion-exchange chromatography.

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