



PRODUCT SPECIFICATION

Cathepsin D, Human Liver

Catalog Number: C2414 **Part Number:** 90103

Source: Human Liver

Form

White to off-white powder, lyophilized from 2.5mM Sodium Phosphate, pH 6.5 ± 0.1

Purity Specification

Report purity by SDS-PAGE and agarose gel electrophoresis

Protein / Content Specification

Report protein concentration prior to lyophilization by Bradford method (BioRad Protein Assay, BSA standard)

Activity Specification

≥ 300 units/mg. One unit will produce an increase in absorbance of 1.0/ml/hour, measured at 280nm, pH 3.3, 37°C, using bovine hemoglobin as the substrate.

Storage / Shipping

Product is shipped using a refrigerated gel pack or dry ice (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C short term (up to 2 weeks) or frozen below -15°C. After reconstituting, store frozen in small aliquots. Avoid repeated freeze-thaw cycles.

Precaution / Hazard Statement

Tested and found negative for HIV 1 & 2, Hepatitis B, and Hepatitis C. Although source materials have been tested for certain diseases, no test can absolutely assure the absence of all infectious agents. Therefore, this product should be handled as a potential biohazard.

Intended Use: For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

Manufacturers of the highest quality proteins and antibodies.