

PRODUCT SPECIFICATION

Carcinoembryonic Antigen (CEA), Cell Culture

Catalog Number: C4814 **Part Number:** 90104

Source: Isolated from a tissue culture cell line of a human colon carcinoma

Form

White to off-white powder, lyophilized from 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4 ± 0.1

Purity Specification

Report purity by SDS-PAGE

Protein / Content Specification

Report protein concentration prior to lyophilization by immunoassay

Characteristics Specification

Material is purified by affinity chromatography. The final product is nominally >95% pure by polyacrylamide gel electrophoresis (5-16%). It shows a single diffuse band of approximate MW = 200,000. Multiple bands may be present at MW = 50-60,000. The protein content is determined prior to lyophilization.

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.