

Product: GC-Globulin
Catalog #: 12-7623
Amount: 100 mg

DESCRIPTION:

An alpha 2 glycoprotein composed of a single polypeptide chain and present in plasma at levels of 20-55 mg/100ml. It functions in the binding and transport of vitamin D and may also play an important role in actin homeostatis since it has been shown to bind monomeric actin. GC Globulin also binds membranes of both circulating B and T lymphocytes. Clinically concentrations are reduced in patients with severe liver diseases. GC Globulin may also play an important role in the mechanism of the osteomalacia that occurs with Itai-Itai disease

SOURCE:

Human Plasma

MOLECULAR WEIGHT:

52,000

BUFFER:

20 mM Na-phosphate, pH 7.4, and 150 mM NaCl

PURITY:

> 95%, SDS PAGE

STORAGE:

Frozen (-20°C)

QUALITY CONTROL:

Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV1&2 by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

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