

# Intended Use

Intended for use as an albumin standard for standardization or calibration of bromocresol green (BCG) dye-binding albumin procedures.

# **Summary and Explanation**

The albumin standard is prepared from bovine albumin in an aqueous solution. The standard provides a level of albumin concentration within the linearity range of the bromocresol green (BCG) dye-binding procedure. Stabilizers and preservatives added.

### Principle

The standard should be used to calibrate the determination of unknown specimens using a bromocresol green (BCG) dyebinding albumin assay. Controls should be included to validate the calibration of the assay.

#### Ingredients

Reactive ingredients: Albumin solution prepared from bovine albumin. Preservatives added. Consult vial label for assigned concentration for the standard.

Precautions: For *in vitro* diagnostic use. Handle with the same precautions used for human samples.

#### Storage and stability

Store at 2-8°C. Stable until expiration date if sealed tightly and stored at 2-8°C.

#### Preparation

Standard is provided as a ready to use liquid.

### Procedure

The standard should be used to standardize instrument or assay following the directions that accompany the instrument and reagent kit used.

Materials provided: Aqueous albumin standard 4.0 g/dl.

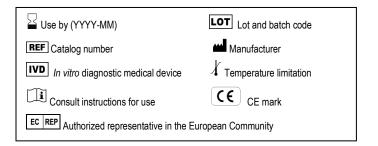
Materials not provided: Pointe Scientific Bromocresol green (BCG) dye-binding albumin reagent and controls.

Limitations: Factors that might cause inaccurate results are improper pipetting and inadequate mixing.

#### Standard Value

The value is 4.0 g/dl when used with the Pointe Scientific Bromocresol green (BCG) dye-binding albumin procedure.

# Symbol Key





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