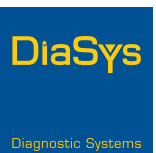


PREALBUMIN FS

Immunoturbidimetric reagent for sensitive and specific measurement of prealbumin in serum and plasma

- :: High measurement range combined with high antigen excess security
- :: Liquid-stable, ready-to-use reagent, calibrators and controls
- :: Measurement of serum and plasma
- :: Traceability to Certified Reference Material CRM 470



Clinical use

Prealbumin or transthyretin is a protein synthesized mainly by the liver with a molecular mass of 55 kDa. It has an abundance of the amino acid tryptophane and one of the highest ratios of essential-to-nonessential amino acids of any protein in the body making it a distinct marker for protein synthesis. Due to its short half-life of 1 to 2 days, measurement of the serum level may provide a more timely and sensitive assessment of protein malnutrition or liver dysfunction than transferrin or albumin.

Superior performance

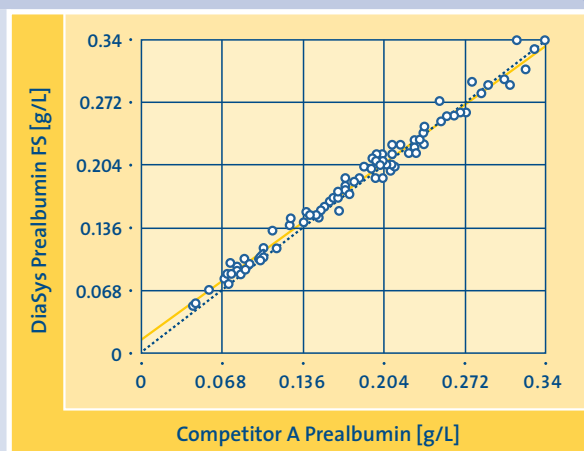
- ∴ Wide measuring range up to 1.5 g/L
- ∴ High antigen excess security up to 2.6 g/L
- ∴ Traceability to CRM 470
- ∴ On-board stability up to 12 weeks
- ∴ Calibration stability up to 6 weeks
- ∴ Good correlation to other methods

Convenient use

- ∴ Liquid-stable, ready-to-use reagent, calibrators and controls
- ∴ Measurement of serum and plasma
- ∴ Manual or automated use
- ∴ Variety of instrument applications available

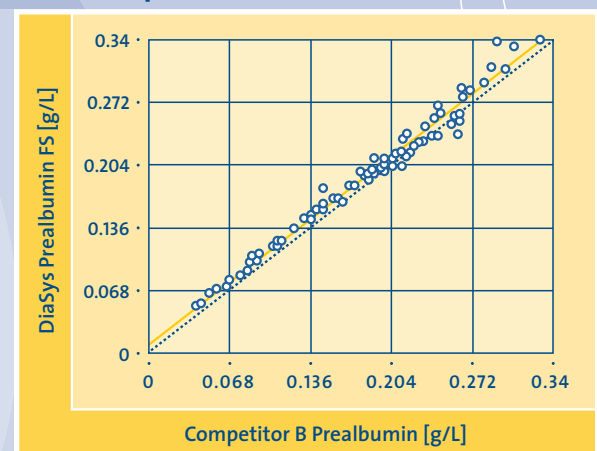
Method comparison

versus immunoturbidimetric method



n = 100; Passing/Bablok: $y = 0.954x + 0.011$ g/L; $r = 0.994$

versus nephelometric method



n = 100; Passing/Bablok: $y = 0.983x + 0.013$ g/L; $r = 0.990$

Prealbumin FS

Cat. No.

Kit size

DiaSys offers reagent kits for manual use, for use on DiaSys respons[®] and for use on other automated systems like Hitachi 911 and Hitachi 917*, BioMajesty[®] JCA-BM 6010/C*, Olympus AU and for ADVIA. Detailed information is available on our website or in our product catalogue.

TruCal Protein

5 9200 99 10 039

5 x 1 mL

Calibrator set, five different levels

TruCal Protein high

5 9200 99 10 037

3 x 1 mL

Calibrator set, one high level

TruLab Protein

5 9500 99 10 046

3 x 1 mL

Level 1: Normal control

5 9510 99 10 046

3 x 1 mL

Level 2: Elevated control

* full barcode

DiaSys

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