

Recombinant Human Serum Albumin Solution (Primary Reference Calibrator for Urine Albumin) (Frozen)

Art. ID	NIST-2925
Unit	2 vials x approx. 0,5 mL
Delivery details	Dry ice shipment UN1845 E0

Description

NIST-2925 (SRM 2925) Recombinant Human Serum Albumin Solution is intended for use in calibration of liquid chromatography tandem mass spectrometric procedures for the determination of human serum albumin (HSA). The concentration of recombinant HSA in this SRM was determined using amino acid analysis. A unit of SRM NIST-2925 consists of two vials, each containing approximately 0.5 mL of solution. End users will need to evaluate the suitability of NIST-2925 for additional applications that require well-characterized protein for calibration or evaluation, including colorimetric assays for total protein, gel diffusion, amino acid analysis, electrophoresis, or proteomics-based experimental workflows. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Certified Recombinant HSA Concentration		14,4 ± 0,3	nmol/g		
Non certified value	Density (20.0 °C)		1,00016 ± 0,00001	g/mL		
Non certified value / (k = 2)	Recombinant HSA Concentration in SRM 2925		0,958 ± 0,0220	g/L		