

Out of Stock - Item is not available at this time - Glucose in frozen human serum

Art. ID NIST-965b
Unit set (8) (2 each conc.)
Deliverydetails Dry ice shipment /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in evaluating the accuracy of procedures for the determination of glucose in human serum. It is also intended for use in validating working or secondary reference materials. Because it is made from pools of human serum that have been modified to achieve the target concentrations, this material may not be commutable with natural human serum in all routine glucose measurement procedures. However, NIST is unaware of any commutability problems with the previous lots of this frozen serum material, which were similarly prepared. A unit of NIST-965b consists of eight flame-sealed ampoules of frozen human serum, two ampoules at each of four different glucose concentration levels. Each ampoule contains 2.00 mL ± 0.04 mL of human serum. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level 1	Glucose		1.836 ± 0.027	mmol/L		
Level 1	Glucose		33.08 ± 0.48	mg/dL		
Level 2	Glucose		4.194 ± 0.059	mmol/L		
Level 2	Glucose		75.56 ± 1.06	mg/dL		
Level 3	Glucose		6.575 ± 0.094	mmol/L		
Level 3	Glucose		118.5 ± 1.7	mg/dL		
Level 4	Glucose		16.35 ± 0.20	mmol/L		
Level 4	Glucose		294.5 ± 3.6	mg/dL		