

## **Vitamin B6 in Frozen Human Serum**

Art. ID	NIST-3950
Unit	2 vials x 1 mL
Delivery details	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 the vitamin B6 metabolite pyridoxal 5'-phosphate (PLP) in human serum. It is also intended for use in validating working or secondary reference materials. PLP is the major circulating form of vitamin B6 and the most common direct measure of this vitamin in serum or plasma. A unit of NIST-3950 consists of two stoppered vials of frozen human serum, one vial each at two different concentration levels. Each vial contains 1.0 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	Pyridoxal 5'-Phosphate	[853645-22-4]	4.49 ± 0.15	ng/g		
Level 2	Pyridoxal 5'-Phosphate	[853645-22-4]	8.81 ± 0.29	ng/g		
Level 1	Pyridoxal 5'-Phosphate	[853645-22-4]	4.59 ± 0.16	ng/mL		
Level 2	Pyridoxal 5'-Phosphate	[853645-22-4]	9.00 ± 0.29	ng/mL		
Level 1	Pyridoxal 5'-Phosphate	[853645-22-4]	18.6 ± 0.6	nmol/L		
Level 2	Pyridoxal 5'-Phosphate	[853645-22-4]	36.4 ± 1.2	nmol/L		