



DATE: 10 February 2016

**Product Identifier**

**SRM Number:** 900a

**SRM Name:** Antiepilepsy Drugs in Frozen Human Serum

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program.

**Exemption:** 1910.1200 (b) (6) (xii). This SRM is a biological material and should be considered a potential biological hazard.

**Description:** This SRM is intended primarily for use in evaluating the accuracy of procedures for the determination of the specified constituents in human serum. It is also intended for use in validating working or secondary reference materials. SRM 900a was prepared by fortifying drug free human serum with two different concentrations of phenobarbital (PHB), phenytoin (PHT), lamotrigine (LTG), and topiramate (TPM). A unit of SRM 900a consists of four vials of frozen human serum, two vials each at two different concentration levels. Each vial contains 2 mL of frozen human serum.

**Additional Notes for Biomaterials:** SRM 900a IS INTENDED FOR IN RESEARCH USE. THIS IS A HUMAN SOURCE MATERIAL. HANDLE PRODUCT AS A BIOHAZARDOUS MATERIAL CAPABLE OF TRANSMITTING INFECTIOUS DISEASE. The supplier of this serum has reported that each donor unit of serum or plasma used in the preparation of this product was tested by a U.S. Food and Drug Administration (FDA) approved method and found non-reactive/negative for hepatitis B surface antigen (HbsAg), human immunodeficiency (HIV) 1 and 2 antibodies, and hepatitis C virus (HCV). However, no known test method can offer complete assurance that hepatitis B virus, hepatitis C virus, HIV, or other infectious agents are absent from this material. Accordingly, this human blood based product should be handled at the Biosafety Level 2 or higher as recommended for any POTENTIALLY INFECTIOUS HUMAN SERUM OR BLOOD SPECIMEN in the Centers for Disease Control and Prevention/National Institutes of Health Manual.

**Disposal:** SRM 900a components and derived solutions should be disposed of in accordance with local, state, and federal regulations.

**Transport Information:** This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

**Disclaimer:** This document was prepared carefully, using current references. Users of this SRM should ensure that this document and the corresponding Certificate of Analysis in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail [srmmsds@nist.gov](mailto:srmmsds@nist.gov); or via the Internet at <http://www.nist.gov/srm>.