

**MATERIAL SAFETY DATA SHEET
(M S D S)**

I. PRODUCT IDENTIFICATION

Trade Name (as labeled) Liquid Urine Dipstick Control

Manufacturer's Name, Address & Phone Numbers Alta Diagnostics, Inc. (775) 267-3001
2560 Business Pkwy Ste C (775) 267-1142 (Fax)
Minden, NV 89423 (800) 359-9691

Date prepared or revised 03/16/09

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent	Exposure
Sodium Azide*	26628-22-8	0.10	NA

* Amount of sodium azide present is below the level required for preparation of Material Safety Data Sheet. However, proper disposal procedure should be followed to avoid any explosion hazard.

III. TOXICITY HAZARDS

Data not available

IV. HEALTH HAZARD DATA

ACUTE EFFECTS :

May be harmful by inhalation, ingestion or skin absorption.
Human source material
The toxicological properties have not been thoroughly investigated.

FIRST AID :

If swallowed, wash out mouth with water provided person is conscious. Call a physician.
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

V. PHYSICAL DATA

Pale Liquid

VI. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, alcohol or polymer foam, water spray.

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VII. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Ventilate area and wash spill site after material pick up is complete.

WASTE DISPOSAL METHOD

Best disposal method for biological material containing Sodium azide is to wash it down sewer with large excess of water. Disposal should be made in accordance with existing disposal practices. Observe all federal, state and local laws.

IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

NIOSH/MSHA approved respirator. Mechanical exhaust required. Compatible chemical-resistant gloves. Chemical safety goggles. Potentially biohazardous material.

X. SPECIAL NOTICE ABOUT BIOLOGICAL HAZARD FOR MATERIALS OF HUMAN ORIGIN

The FDA and CDC emphasize the importance of practicing good microbiological laboratory techniques when handling products manufactured from human source materials. The FDA recommends the use of Biosafety Level 2 techniques prescribed in the CDC/NIH manual of " Biosafety in Microbiological and Biochemical Laboratories, 1984 ". It is known that some materials negative for HbsAg by radioimmunoassay is potentially infectious and should be treated as if capable of infecting the handlers. The possibility of contracting Human Immunodeficiency Virus (HIV - 1) infection from human material should be taken seriously. Hepatitis virus or other infectious agents are absent from the materials used in the production of in vitro diagnostic products. However, it must be noted that " there has been no known reported cases of HIV - 1 transmission by contact with in vitro diagnostic products " (FDA letter of December 6, 1985).

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Alta Diagnostics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product .

Alta Diagnostics, Inc.

LIQUID URINE *Dipstick* CONTROL

NEGATIVE AND POSITIVE CONTROLS FOR THE SEMIQUANTITATIVE ASSAYING OF HUMAN URINE

PRINCIPLE

The usefulness of Quality control materials for monitoring the accuracy and precision of clinical testing is well documented.

ALTA'S LIQUID URINE *DIPSTICK* CONTROL for the semiquantitative assay is a liquid, and stable for two years at refrigerated temperature of 2° - 8° C. The control is designed specifically to react with commercial dipsticks to register listed responses on the color pads. The control should be used like a patient sample to assist in the assessment of the listed analytical procedures.

ALTA LIQUID URINE CONTROL FOR *DIPSTICK* ASSAY

Store at 2° - 8° C. To use the product, remove from refrigerator and allow to come to room temperature. Remove the cap and squeeze gently to pour the drops as needed for assay. The LIQUID URINE *DIPSTICK* CONTROL is specifically designed and packaged to be stable in the liquid state for two years. This represents a major advancement in control technology, resulting in a product which offers ready to use convenience and long shelf life. The stable LIQUID URINE *DIPSTICK* CONTROL eliminates errors arising from lyophilization and pipeting as well as discrepancies due to uneven lyophilization or improper mixing.

WARNING: POTENTIAL BIOHAZARD MATERIAL. THIS PRODUCT CONTAINS HUMAN SOURCE MATERIALS. ALL HUMAN SOURCE MATERIALS USED IN THE PREPARATION HAVE BEEN FOUND NON-REACTIVE FOR HbSaG WHEN TESTED BY RIA, AND ALSO NEGATIVE FOR HIV-1 ANTIBODY WHEN TESTED BY ELISA. HOWEVER, NO KNOWN TEST METHOD CAN ASSURE THAT A PRODUCT DERIVED FROM HUMAN SOURCE DOES NOT CONTAIN HEPATITIS OR HIV-1 VIRUS.

WARNING: HANDLE AS IF CAPABLE OF TRANSMITTING INFECTION.

PROCEDURE

The LIQUID URINE *DIPSTICK* CONTROL should be used in the same manner as patient samples and routinely used for day – to – day quality control of the assay system.

ASSIGNMENT OF VALUES

The values assigned to each constituent are derived from the assay of multiple vials that are representative of the lot. These ranges should be used only as guidelines by the laboratory until it has established its own precision and accuracy parameters. The LIQUID URINE *DIPSTICK* CONTROL contains certain chemical analogs of the constituents, which stimulates the color reaction. The listed values are method dependent and different laboratories may observe variations as a result of differences in technique, instrument and/or reagent variations, method modifications and other systemic and random errors. These differences may result in the values to fall outside the suggested ranges.

LIMITATIONS OF THE PROCEDURE

The listed value and ranges were obtained using instruments, reagents and procedure available at the time of analysis. Any change in the reagents, methods or instrument methodology by the manufacturer may result in different values. Consult manufacturer's instructions for the procedure for further information. Laboratories employing methods other than those listed should establish their own mean value and ranges and determine if there is any interaction and/or interference from the system.

SPECIFIC PERFORMANCE CHARACTERISTICS

The values listed detail the characteristics of the ALTA LIQUID URINE *DIPSTICK* CONTROL, and outline the reliability and usefulness of the product in clinical quality control.

PRODUCT STABILITY

The product is stable for 2 years if kept at 2° - 8° C and used as directed.

This product is warranted to perform as described in its labeling and in the product literature. Alta Diagnostics, Inc. disclaims any implied warranty or merchantability or fitness for any other purpose, and in no event shall be liable for any consequential damages arising out of the aforesaid express warranty.

800-359-9691

2/11/08

**MATERIAL SAFETY DATA SHEET
(M S D S)**

I. PRODUCT IDENTIFICATION

Trade Name (as labeled)	Liquid Urine Control for Microscopic & High Specific Gravity
Manufacturer's Name, Address & Phone Numbers	Alta Diagnostics, Inc. (775) 267-3001 2560Business Pkwy Ste C (775) 267-1142 (Fax) Minden, NV 89423 (800) 359-9691

Date prepared or revised 03/16/09

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent	Exposure
Sodium Azide*	26628-22-8	0.05	NA

* Amount of sodium azide present is below the level required for preparation of Material Safety Data Sheet. However, proper disposal procedure should be followed to avoid any explosion hazard.

III. TOXICITY HAZARDS

Data not available

IV. HEALTH HAZARD DATA

ACUTE EFFECTS :

May be harmful by inhalation, ingestion or skin absorption.
Human source material
The toxicological properties have not been thoroughly investigated.

FIRST AID :

If swallowed, wash out mouth with water provided person is conscious. Call a physician.
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

V. PHYSICAL DATA

Pale Liquid

VI. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, alcohol or polymer foam, water spray.

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VII. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Ventilate area and wash spill site after material pick up is complete.

WASTE DISPOSAL METHOD

Best disposal method for biological material containing Sodium azide is to wash it down sewer with large excess of water. Disposal should be made in accordance with existing disposal practices. Observe all federal, state and local laws.

IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

NIOSH/MSHA approved respirator. Mechanical exhaust required. Compatible chemical-resistant gloves. Chemical safety goggles. Potentially biohazardous material.

X. SPECIAL NOTICE ABOUT BIOLOGICAL HAZARD FOR MATERIALS OF HUMAN ORIGIN

The FDA and CDC emphasize the importance of practicing good microbiological laboratory techniques when handling products manufactured from human source materials. The FDA recommends the use of Biosafety Level 2 techniques prescribed in the CDC/NIH manual of " Biosafety in Microbiological and Biochemical Laboratories, 1984 ". It is known that some materials negative for HbsAg by radioimmunoassay is potentially infectious and should be treated as if capable of infecting the handlers. The possibility of contracting Human Immunodeficiency Virus (HIV - 1) infection from human material should be taken seriously. Hepatitis virus or other infectious agents are absent from the materials used in the production of in vitro diagnostic products. However, it must be noted that " there has been no known reported cases of HIV - 1 transmission by contact with in vitro diagnostic products " (FDA letter of December 6, 1985).

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**MATERIAL SAFETY DATA SHEET
(M S D S)**

I. PRODUCT IDENTIFICATION

Trade Name (as labeled)	Liquid Human Urine Control	
Manufacturer's Name, Address & Phone Numbers	Alta Diagnostics, Inc. 2560Business Pkwy Ste C Minden, NV 89423	(775) 267-3001 (775) 267-1142 (Fax) (800) 359-9691
Date prepared or revised	03/16/09	

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent	Exposure
Sodium Azide*	26628-22-8	0.05	NA

* Amount of sodium azide present is below the level required for preparation of Material Safety Data Sheet. However, proper disposal procedure should be followed to avoid any explosion hazard.

III. TOXICITY HAZARDS

Data not available

IV. HEALTH HAZARD DATA

ACUTE EFFECTS :

May be harmful by inhalation, ingestion or skin absorption.
Human source material
The toxicological properties have not been thoroughly investigated.

FIRST AID :

If swallowed, wash out mouth with water provided person is conscious. Call a physician.
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

V. PHYSICAL DATA

Pale Liquid

VI. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, alcohol or polymer foam, water spray.

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VII. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Ventilate area and wash spill site after material pick up is complete.

WASTE DISPOSAL METHOD

Best disposal method for biological material containing Sodium azide is to wash it down sewer with large excess of water. Disposal should be made in accordance with existing disposal practices. Observe all federal, state and local laws.

IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

NIOSH/MSHA approved respirator. Mechanical exhaust required. Compatible chemical-resistant gloves. Chemical safety goggles. Potentially biohazardous material.

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UA & CSF QUALITY CONTROL

CUSTOMER ID#	FACILITY NAME	ADDRESS	CITY	ZIP					
INSTRUMENT USED		CONTACT NAME		FROM: TO:					
UA – LOT #: L1 L2			CSF – LOT #: L1 L2						
ANALYTE	KODAK GEN# OR REAGENT	# OF DATA POINTS	MEAN	S.D.	ANALYTE	KODAK GEN# OR REAGENT	# OF DATA POINTS	MEAN	S.D.
AMYLASE		L1			TOT-PROTEIN		L1		
		L2					L2		
CALCIUM		L1			GLUCOSE		L1		
		L2					L2		
CHLORIDE		L1			CHLORIDE		L1		
		L2					L2		
CREATININE		L1			SODIUM		L1		
		L2					L2		
GLUCOSE		L1			POTASSIUM		L1		
		L2					L2		
MAGNESIUM		L1			LACTIC ACID		L1		
		L2					L2		
OSMOLALITY		L1			ALBUMIN		L1		
		L2					L2		
PHOSPHORUS		L1			IGA		L1		
		L2					L2		
POTASSIUM		L1			IGG		L1		
		L2					L2		
SODIUM		L1			IGM		L1		
		L2					L2		
TOT-PROTEIN		L1					L1		
		L2					L2		
UREA		L1					L1		
		L2					L2		
URIC ACID		L1					L1		
		L2					L2		

INSTRUCTIONS FOR USE

1. Reports will be separated by instrument, so please use a separate Alta QC sheet for each instrument. (Osmometer readings may be included on the same QC sheet as the Urine Control data, but be sure to indicate the instrument used in the appropriate space.)
2. If you are using one of several different reagents for a particular analyte and wish to so specify, print the reagent name or its abbreviation in the space following the name of the analyte (i.e., TOT PROTEIN: P.RED for Pyrogallol Red; C. BLUE for Coomassie Blue; Benz Cl for Benzethonium Chloride; TCA for Trichloro Acetic Acid; Sulfa Sal for Sulfosalicylic Acid, etc.). In this instance the report generated by the Alta QC Program will have three sets of figures:

Row 1: Will be the data you submitted

Row 2: Will be the National Values specific for that reagent on the instrument you have specified.

Row 3: Will be the National Values on your instrument, irrespective of the reagent used.

3. For laboratories using the Ektachem or Vitros system, please indicate the Generation Number in the space following the name of each analyte. In this instance the report generated by the Alta QC Program will have three sets of figures:

Row 1: Will be the data you submitted.

Row 2. Will be the National Values specified for that Generation Number.

Row 3. Will be the National Values, irrespective of the Generation Number used.

PRINCIPLE - The usefulness of Quality Control materials for monitoring the accuracy and precision of clinical testing is well documented.

ALTA DIAGNOSTICS LIQUID HUMAN SPINAL FLUID and URINE CONTROLS FOR QUANTITATIVE ASSAY is designed specifically to provide assayed values of the listed components. The control should be used like a patient sample to assist in the assessment of the listed analytical procedures.

PROCEDURE - The LIQUID HUMAN SPINAL FLUID and URINE CONTROLS should be used in the same manner as patient samples and routinely used for day-to-day quality control of the assay systems. To use, remove the cap and squeeze gently the required amount of control as needed for assay. Do not remove the dropper tips to retrieve material.

ASSIGNMENT OF VALUES - The mean value assigned to each method is derived from assay of multiple vials that are representative of the lot. The suggested target ranges represent 2 X Standard Deviation (S.D.) of the assayed values. These values should be used only as a guideline by the laboratory until it has established its own precision and accuracy parameters. The listed values are method dependent and different laboratories may observe variations as a result of differences in technique, instrument and/or reagent variation, method modifications and other systemic and random errors. These differences may result in the values to fall outside the suggested ranges.

LIMITATION OF THE PROCEDURE - The listed value and ranges were obtained using instruments, reagents and procedures available at the time of analysis. Any changes in the reagents, methods or instrument methodology by the manufacturer may result in different values. Consult manufacturer's instructions for the procedures for further information. Laboratories employing methods other than those listed should establish their own mean values and ranges and determine if there is any interaction and/or interference from the system.

SPECIFIC PERFORMANCE CHARACTERISTICS - The values listed detail the characteristics of the ALTA DIAGNOSTICS LIQUID SPINAL FLUID and URINE CONTROLS, and outlines the reliability and usefulness of the product in clinical quality control.

PRODUCT STABILITY - The product is stable up to expiration date printed on the label if kept at 2-8 C and used as directed.

(STORE AT 2 - 8C. REMOVE FROM REFRIGERATOR AND INVERT VIAL SEVERAL TIMES BEFORE USING.)

UPDATED & ADDITIONAL ASSAY VALUES WILL BE SUPPLIED PERIODICALLY

**MATERIAL SAFETY DATA SHEET
(M S D S)**

I. PRODUCT IDENTIFICATION

Trade Name (as labeled)	Liquid Human Spinal Fluid Control	
Manufacturer's Name, Address & Phone Numbers	Alta Diagnostics, Inc. 2560Business Pkwy Ste C Minden, NV 89423	(775) 267-3001 (775) 267-1142 (Fax) (800) 359-9691

Date prepared or revised 03/16/09

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent	Exposure
Sodium Azide*	26628-22-8	0.05	NA

* Amount of sodium azide present is below the level required for preparation of Material Safety Data Sheet. However, proper disposal procedure should be followed to avoid any explosion hazard.

III. TOXICITY HAZARDS

Data not available

IV. HEALTH HAZARD DATA

ACUTE EFFECTS :

May be harmful by inhalation, ingestion or skin absorption.
Human source material
The toxicological properties have not been thoroughly investigated.

FIRST AID :

If swallowed, wash out mouth with water provided person is conscious. Call a physician.
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

V. PHYSICAL DATA

Pale Liquid

VI. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, alcohol or polymer foam, water spray.

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VII. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Ventilate area and wash spill site after material pick up is complete.

WASTE DISPOSAL METHOD

Best disposal method for biological material containing Sodium azide is to wash it down sewer with large excess of water. Disposal should be made in accordance with existing disposal practices. Observe all federal, state and local laws.

IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

NIOSH/MSHA approved respirator. Mechanical exhaust required. Compatible chemical-resistant gloves. Chemical safety goggles. Potentially biohazardous material.

X. SPECIAL NOTICE ABOUT BIOLOGICAL HAZARD FOR MATERIALS OF HUMAN ORIGIN

The FDA and CDC emphasize the importance of practicing good microbiological laboratory techniques when handling products manufactured from human source materials. The FDA recommends the use of Biosafety Level 2 techniques prescribed in the CDC/NIH manual of " Biosafety in Microbiological and Biochemical Laboratories, 1984 ". It is known that some materials negative for HbsAg by radioimmunoassay is potentially infectious and should be treated as if capable of infecting the handlers. The possibility of contracting Human Immunodeficiency Virus (HIV - 1) infection from human material should be taken seriously. Hepatitis virus or other infectious agents are absent from the materials used in the production of in vitro diagnostic products. However, it must be noted that " there has been no known reported cases of HIV - 1 transmission by contact with in vitro diagnostic products " (FDA letter of December 6, 1985).

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Alta Diagnostics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product .

**MATERIAL SAFETY DATA SHEET
(M S D S)**

I. PRODUCT IDENTIFICATION

Trade Name (as labeled)	Microalbumin Control	
Manufacturer's Name, Address & Phone Numbers	Alta Diagnostics, Inc 2560Business Pkwy Ste C Minden, NV 89423	(775) 267-3001 (775) 267-1142 (Fax) (800) 359-9691
Date prepared or revised	03/16/09	

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent	Exposure
Sodium Azide*	26628-22-8	0.05	NA

* Amount of sodium azide present is below the level required for preparation of Material Safety Data Sheet. However, proper disposal procedure should be followed to avoid any explosion hazard.

III. TOXICITY HAZARDS

Data not available

IV. HEALTH HAZARD DATA

ACUTE EFFECTS :

May be harmful by inhalation, ingestion or skin absorption.
Human source material
The toxicological properties have not been thoroughly investigated.

FIRST AID :

If swallowed, wash out mouth with water provided person is conscious. Call a physician.
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

V. PHYSICAL DATA

Pale Liquid

VI. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, alcohol or polymer foam, water spray.

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VII. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Ventilate area and wash spill site after material pick up is complete.

WASTE DISPOSAL METHOD

Best disposal method for biological material containing Sodium azide is to wash it down sewer with large excess of water. Disposal should be made in accordance with existing disposal practices. Observe all federal, state and local laws.

IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

NIOSH/MSHA approved respirator. Mechanical exhaust required. Compatible chemical-resistant gloves. Chemical safety goggles. Potentially biohazardous material.

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**MATERIAL SAFETY DATA SHEET
(M S D S)**

I. PRODUCT IDENTIFICATION

Trade Name (as labeled)	Human Protein Standards	
Manufacturer's Name, Address & Phone Numbers	Alta Diagnostics, Inc. 2560Business Pkwy Ste C Minden, NV 89423	(775) 267-3001 (775) 267-1142 (Fax) (800) 359-9691
Date prepared or revised	03/16/09	

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent	Exposure
Sodium Azide*	26628-22-8	0.05	NA

* Amount of sodium azide present is below the level required for preparation of Material Safety Data Sheet. However, proper disposal procedure should be followed to avoid any explosion hazard.

III. TOXICITY HAZARDS

Data not available

IV. HEALTH HAZARD DATA

ACUTE EFFECTS :

May be harmful by inhalation, ingestion or skin absorption.
Human source material
The toxicological properties have not been thoroughly investigated.

FIRST AID :

If swallowed, wash out mouth with water provided person is conscious. Call a physician.
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

V. PHYSICAL DATA

Pale Liquid

VI. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical powder, alcohol or polymer foam, water spray.

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VII. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Ventilate area and wash spill site after material pick up is complete.

WASTE DISPOSAL METHOD

Best disposal method for biological material containing Sodium azide is to wash it down sewer with large excess of water. Disposal should be made in accordance with existing disposal practices. Observe all federal, state and local laws.

IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

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X. SPECIAL NOTICE ABOUT BIOLOGICAL HAZARD FOR MATERIALS OF HUMAN ORIGIN

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