

ABX Pentra LDL Cal	A91A00600BEN	19/10/2006
---------------------------	---------------------	-------------------

1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Pentra LDL Cal
Product code:	Ref.ABX: A11A01678
1.2. Company identification	
	HORIBA ABX - Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: (33) 4 67 14 15 16 Fax: (33) 4 67 14 15 17
1.3. Emergency phone number	
	Contact the nearest first-aid station

2. Composition/information on ingredients	
2.1. Description of the kit	
	CAL 2 x 1 ml (Lyophilised) Human Serum (lipoproteins from the various lipoprotein classes including low density lipoproteins).
2.2. Hazardous ingredients (name, concentration)	
	Sodium azide <0.1%
2.3. Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	

3. Hazards identification	
Most important hazards:	Human source material. Treat as potentially infectious. Each serum donor unit used in the preparation of this product has been tested by an FDA approved method and found non-reactive for the presence of HbsAg, HCV and antibody to HIV 1/2. Because no known test method can offer complete assurance that infectious agents are absent, all human-based products should be handled in accordance with good laboratory practices using appropriate precautions.
Specific risks	Not determined.

4. First-aid-measures	
Inhalation:	If breathing becomes difficult, a rash develops, or other allergic symptoms present, get medical attention immediately.
Skin contact:	If overexposed by contact, remove affected clothing and shower off remaining material. Move to a clean well ventilated area.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	Not determined.

ABX Pentra LDL Cal	A91A00600BEN	19/10/2006
---------------------------	---------------------	-------------------

5. Fire-fighting measures

Extinguishing media:	Water, CO ₂ , or chemical foam.
Specific risks:	None.
Special protective equipment:	None.
Additional recommendations:	None.

6. Accidental release measures

Personal precautions:	Protect exposed skin with a protective coat and gloves, nose and mouth with a dusk mask, and the eyes with safety glasses or a face shield. Certain individuals may have an allergic reaction to over-exposure, and individuals showing signs of allergic reactions should be removed to a clean well ventilated area as soon as symptoms present.
Environmental precautions:	None determined.
Methods for cleaning/absorption:	Contain spill with absorbent material and place in container for disposal. Ventilate area and wash spill site after pickup is complete. Should material enter drain, flush with large volumes of water to minimize the build of metal azides.

7. Handling and storage

7.1. Handling

Technical measures:	See § 8.
Precautions:	See § 8.
Handling recommendations:	See § 8.

7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store protected from light and tightly closed in refrigerator. Long-term storage at 2°C to 8°C is recommended. Avoid prolonged exposure to direct sunlight.
Incompatible materials:	No special requirements.
Packaging materials:	No special requirements.

8. Exposure controls/personal protection

Specific control parameters:	No special requirements.
Technical measures:	No special requirements.
Respiratory protection:	No special requirements.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Wash hands before and after use.

ABX Pentra LDL Cal	A91A00600BEN	19/10/2006
---------------------------	---------------------	-------------------

9. Physical and chemical properties

Physical state:	Powder	Autoflammability:	Not determined
Colour:	Pale yellow	Explosive properties:	Not determined
Odour:	Not determined	Oxidizing properties:	Not determined
pH:	Not determined	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	Not determined
Melting point:	Not determined	Solubility:	Soluble in water
Flashing point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Not determined	Other data:	Not determined

10. Stability and reactivity

Conditions to avoid:	Excessive heat may damage material. Avoid contact with heavy metals or acids and prolonged exposure to direct sunlight.
Materials to avoid:	Acid chlorides, nitrogen oxides, heavy metals, strong acids and bases.
Hazardous decomposition products:	NO ₂ , NO.
Other data:	Stable. Hazardous polymerisation wil not occur.

11. Toxicological information

Acute toxicity:	Not determined.
Chronic toxicity:	Not determined.
Inhalation:	May be harmful by inhalation. May cause respiratory irritation.
Skin contact:	May be harmful by skin absorption. May cause skin irritation
Eye contact:	May cause eye irritation.
Ingestion:	May be harmful by ingestion.
Other data:	Human source material present. Although the product was found negative to Hepatitis-B surface antigen and antibodies to HIV 1/2 and HCV, it should be handled at Biosafety Level 2 as recommended for any potentially infectious serum specimen. The toxicological properties have not been thoroughly investigated.

12. Ecological information

Mobility:	Not determined.
Degradability:	Not determined.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	Not determined.
Other hazardous effects:	Not determined.

ABX Pentra LDL Cal	A91A00600BEN	19/10/2006
---------------------------	---------------------	-------------------

13. Disposal considerations

Surplus or waste (residues):	These calibrators contain less than 0.1% sodium azide as a preservative. As sodium azide may react with lead and copper, to form explosive metal azides, these calibrators should be disposed of by flushing with copious amounts of water. Used calibrators must be disposed of in accordance with local regulations.
Contaminated packaging:	None determined.

14. Transport information (International regulations)

General information:	Not classified by transport regulations.
By air (IATA):	Not applicable.
By land (ADR):	Not applicable.
By sea (IMDG):	Not applicable.

15. Regulatory information

Symbols:	None	
R phrases:	None	
S phrases:	None	
Substances:	None	
Other regulatory requirements:	In no way does this information exempt the user from knowing about or applying all the national or international regulations relating to his/her activity.	

16. Other information

This sheet is a complement to instructions for use but does not replace them. Information contained herewith is based on our current knowledge of the product, at the date shown, and is correct to the best of our knowledge. Furthermore, the user's attention is drawn to the dangers of using this product for anything other than its intended use. The user must accept the sole responsibility and take precautions accordingly for the use of this product.