

MATERIAL SAFETY DATA SHEET

ABX Pentra LDL Direct CP - A91A00579

2002/12/02

1. Product and company identification

1.1 Identification of the

product:

Product name: ABX Pentra LDL Direct CP

Product code: Ref. ABX ==> A11A01638

1.2 Company identification:

ABX Diagnostics - 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

Description of the kit:

REAGENT 1: Bi-reagent cassette.

REAGENT 1 = 1 × 26 ml + **REAGENT 2** = 1 × 10 ml

Chemical nature:

REAGENT 1:

MES buffer

Detergent 1

< 1.0%

Cholesterol esterase

< 1500 U/l

Cholesterol oxidase

< 1500 U/l

Peroxidase

< 1300 ppg U/l

4-amino-antipyrine

< 0.1%

Ascorbic acid oxidase

< 3000 U/l

Preservative

REAGENT 2:

MES buffer

Detergent 2

< 1.0%

N,N-bis(4-sulfobutyl)-toluidine, disodium

< 1.0 mmol/l

Preservative

Hazardous ingredients: (name, concentration)

Reagents do not contain dangerous substances in quantities higher than limits reported by 67/548/EEC and 88/379/EEC directives, and following modifications and amendments, about classification, labelling and packaging of dangerous preparations. There is at the present no information or indication of hazardous property.

Dangerous preparation according to 67/548/EEC - 88/379/EEC:

No.

3. Hazards identification

Most important hazards:

It is recommended to handle this product in accordance with Universal Precautions. No hazardous product as specified in Directive 67/548/EEC.

Specific risks:

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4. First-aid measures

<u>Inhalation:</u>	If breathing becomes difficult, a rash develops, or other allergic symptoms present, seek medical attention immediately.
<u>Skin contact:</u>	If overexposed by contact, remove affected clothing and shower off remaining material. Move to a clean well ventilated area.
<u>Eye contact:</u>	If excessive amount of material comes in contact with eyes, flush well with water. Ensure adequate flushing of the eye by separating the eyelids with the fingers.
<u>Ingestion:</u>	

5. Fire-fighting measures

<u>Extinguishing media:</u>	Water, CO2, or chemical foam.
<u>Specific risks:</u>	None
<u>Special protective equipment:</u>	None
<u>Additional recommendations:</u>	None

6. Accidental release measures

<u>Personal precautions:</u>	Protect exposed skin with a protective coat and gloves, nose and mouth with a dust 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.
<u>Environmental precautions:</u>	
<u>Methods for cleaning / absorption:</u>	

7. Handling and storage

<u>7.1 Handling:</u>	
<u>Technical measures:</u>	See § 8.
<u>Precautions:</u>	See § 8.
<u>Handling recommendations:</u>	See § 8.
<u>7.2 Storage:</u>	
<u>Technical measures:</u>	
<u>Storage conditions:</u>	Store protected from light and tightly closed in refrigerator. Long-term storage at 2°C to 8°C is recommended. Do not freeze the reagents. Avoid prolonged exposure to direct sunlight.
<u>Incompatible materials:</u>	
<u>Packaging materials:</u>	

8. Exposure controls/personal protection

<u>Specific control parameters:</u>	
<u>Technical measures:</u>	
<u>Respiratory protection:</u>	
<u>Hand protection:</u>	Rubber or latex protective gloves.
<u>Eye protection:</u>	Wear safety glasses or goggles.
<u>Skin protection:</u>	Lab coat or other long sleeved garment.
<u>Hygiene measures:</u>	

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9. Physical and chemical properties

Physical state:	Liquid.	Auto-flammability:	Not applicable.
Colour:	<u>REAGENT 1</u> : Clear pale yellow. <u>REAGENT 2</u> : Clear light brown.	Explosive properties:	Not applicable.
Odour:	Not applicable.	Oxidizing properties:	Not applicable.
pH:	Not applicable.	Vapour pressure:	Not applicable.
Boiling point:	Not applicable.	Relative density:	not applicable.
Melting point:	Not applicable.	Solubility:	Soluble in water.
Flashing point:	Not applicable.	Partition coefficient:	Not applicable.
Flammability (solid, gas):	Not applicable.	Other data:	

10. Stability and reactivity

Conditions to avoid:	Excessive heat may damage the material. Avoid prolonged exposure to direct sunlight.
Materials to avoid:	Strong oxidizing agents, strong acids and bases.
Hazardous decomposition products:	None.
Other data:	Stable. Hazardous polymerisation will not occur.

11. Toxicological information

Acute toxicity:	
Chronic toxicity:	
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:	The toxicological properties have not been thoroughly investigated.

12. Ecological information

Mobility:	
Degradability:	
Bioaccumulative potential:	Information specific to this product is not available.
Ecotoxicity:	
Other hazardous effects:	

13. Disposal considerations

Surplus or waste (residues):	Disposal should be made in accordance with existing federal, state and local laws.
Contaminated packaging:	

14. Transport information (International regulations)

By land:	
By river:	
By air:	
By sea:	
General information:	Contact ABX Diagnostics for transportation information.

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15. Regulatory information

Labelling according to EEC directives: None

Symbols: N/A.

R phrases: N/A.

S phrases: N/A.

Substances: N/A.

Other regulatory requirements:

16. Other information

This product is intended for IN VITRO diagnostic use only.

NOT FOR USE IN HUMANS.

The information given herein is based on the present state of our knowledge and is believed to be correct. It characterizes the product with regard to the appropriate safety precautions. It does not a guarantee properties of the product.