

ABX Pentra Bilirubin Direct CP	A91A00562CEN	10/08/2005
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Pentra Bilirubin Direct CP
Product code:	Ref.ABX: A11A01635
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							
	<table border="1"> <tr> <td>REAGENT</td> <td>: Bi-reagent cassette</td> </tr> <tr> <td>REAGENT 1</td> <td>: 1 x 24 ml : EDTA-Na₂ (0.1 mmol/l), NaCl (9 g/l), Sulfamic acid (100 mmol/l)</td> </tr> <tr> <td>REAGENT 2</td> <td>: 1 x 7 ml : 2,4-dichlorophenyl-diazonium salt (0.5 mmol/l), HCl (700 mmol/l), EDTA-Na₂ (0.13 mmol/l)</td> </tr> </table>	REAGENT	: Bi-reagent cassette	REAGENT 1	: 1 x 24 ml : EDTA-Na ₂ (0.1 mmol/l), NaCl (9 g/l), Sulfamic acid (100 mmol/l)	REAGENT 2	: 1 x 7 ml : 2,4-dichlorophenyl-diazonium salt (0.5 mmol/l), HCl (700 mmol/l), EDTA-Na ₂ (0.13 mmol/l)
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2.2. Hazardous ingredients (name, concentration)							
2.3. Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No							

3. Hazards identification	
Most important hazards:	Dangerous properties cannot be excluded. However, risks are not to be expected when the product is handled by qualified and authorized personnel with the necessary precautions for chemicals/diagnostic reagents.
Specific risks	None determined.

4. First-aid-measures	
Inhalation:	No special requirements.
Skin contact:	Wash skin with water.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	If patient is conscious, rinse out mouth and throat thoroughly with water. Have the patient drink a glass of water. Get medical attention.

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5. Fire-fighting measures : Product non flammable

Extinguishing media:	Use whatever is required for the surrounding area.
Specific risks:	None determined.
Special protective equipment:	No special requirements.
Additional recommendations:	None.

6. Accidental release measures

Personal precautions:	Wear a lab coat, protective gloves and safety goggles.
Environmental precautions:	Prevent from getting into sewage, water, ground.
Methods for cleaning/absorption:	Dilute spill with water. Take up with absorbent material and place in a suitable container.

7. Handling and storage

7.1. Handling

Technical measures:	No special requirements.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	No special requirements.

7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store protected from light, in tightly closed containers, under a cool condition (2-8°C). Do not freeze the reagents.
Incompatible materials:	None determined.
Packaging materials:	No special requirements.

8. Exposure controls/personal protection

Specific control parameters:	None determined.
Technical measures:	Use general room ventilation.
Respiratory protection:	None required.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Wash hands before and after use.

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9. Physical and chemical properties

Physical state:	Liquid, aqueous clear solution	Autoflammability:	Not determined.
Colour:	Colourless	Explosive properties:	Not determined
Odour:	No characteristic odour	Oxidizing properties:	Not determined
pH:	<u>REAGENT 1</u> : 1.10 (25°C) <u>REAGENT 2</u> : 0.05 (25°C)	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	<u>REAGENT 1</u> : 1.0103 g/ml (20°C) <u>REAGENT 2</u> : 1.0142 g/ml (20°C)
Melting point:	Not determined	Solubility:	Not determined
Flashing point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Not determined	Other data:	Not determined

10. Stability and reactivity

Conditions to avoid:	None known.
Materials to avoid:	None known.
Hazardous decomposition products:	None known.
Other data:	None known.

11. Toxicological information

Acute toxicity:	Not determined.
Chronic toxicity:	Not determined.
Inhalation:	Not determined.
Skin contact:	Not determined.
Eye contact:	Not determined.
Ingestion:	Not determined.
Other data:	Quantitative data about the toxicity of the product are not available. Dangerous properties cannot be ruled out. However, risks are not to be expected if the product is handled by qualified and authorized personnel with the necessary precautions for chemicals/diagnostic reagents.

12. Ecological information

Mobility:	Not determined.
Degradability:	Not determined.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	Not determined.
Other hazardous effects:	Quantitative data on ecological effects of the product are not available.

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13. Disposal considerations

Surplus or waste (residues):	The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:	Packaging must be disposed of according to local regulations.

14. Transport information (International regulations)

General information:	REAGENT 2:	
	<ul style="list-style-type: none"> ◆ Proper shipping name: Corrosive liquid, acidic, inorganic, n.o.s. (HCl). ◆ UN-Number: UN3264 (Excepted quantities). ◆ Hazard class: 8. ◆ Label(s): Corrosive. ◆ Unit volume: 7 ml. ◆ Sales unit: 1 bottle/kit. 	
By air (IATA):	Packaging group: III.	Packing instructions (passenger aircraft): 818 (5).
By land (ADR):	Refer to regulation.	
By sea (IMDG):	Refer to regulation.	

15. Regulatory information

Symbols:	None	
R phrases:	None	
S phrases:	None	
Substances:		
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.