

# Hematology Devices (for in vitro diagnostic use)

## ABX Diluent

07/10/09  
A95A00005FEN


### Exclusive use:

ABX Pentra 60  
ABX Pentra 60 C+  
Pentra ES60  
ABX Pentra 80  
ABX Pentra XL 80  
ABX Pentra 120  
ABX Pentra 120 Retic  
ABX Pentra DF 120  
ABX Pentra DX 120

**REF** 0901020 (20L)  
0901010 (10L)\*

**REAGENT** 20L  
10L\*

**IVD** 

 **HORIBA ABX SAS**  
BP 7290  
34184 Montpellier  
cedex 4 - France

### \* 10L ABX Diluent exclusive use<sup>a</sup>

	Software version
ABX Pentra 60	≥ v2.2.0
ABX Pentra 60C+	≥ v2.4.0
Pentra ES60	≥ V2.5.0
ABX Pentra 80	≥ v1.7.1
ABX Pentra XL 80	≥ v1.6.1
ABX Pentra 120	≥ v4.8.0
ABX Pentra 120 Retic	≥ v4.8.0
ABX Pentra DF 120	≥ v2.1.1
ABX Pentra DX 120	≥ v2.1.1

## 1. Functions

Buffered isotonic solution for sheating and diluting leucocytes, and for the determination and differentiation of blood cells, and the measurement of hematocrit on HORIBA Medical blood cell counters.

### Measurement procedure to be followed in using the device:

Principle of the method, specific analytical performance characteristics, analytical sensitivity, diagnostic sensitivity, analytical specificity, diagnostic specificity, accuracy, repeatability, reproducibility (including control of known relevant interference), limits of detection, limitations of the method and information about the use of available reference measurement procedures and materials by the user: see «Section: Specifications» in the instrument User Manual.

<sup>a</sup>.Modification from index E to F : Pentra ES60 added

## 2. Conservation & expiration

**Storage conditions:** Stored at 18 to 25°C and away from the light.

**Open stability:** maximum 6 months after a vial has been opened.

**Expiration date:** refer to «expiration date» reagent packaging label.

## 3. Measurements, principles & results

**Directions for use :** see «Section: Maintenance & Troubleshooting» in the instrument User Manual.

**Measuring Principles :** see «Section: Description & technology» in the instrument User Manual.

**Results:** see «Section: Workflow» in the instrument User Manual

**Performance data:** see «Section: Specifications» in the instrument User Manual.

Note: if performance changes, call your HORIBA Medical representative.

## 4. Composition & handling precautions

### Composition:

Sodium Chloride.... < 1 %

Sodium azid ..... < 0,1 %

Surfactant. .... < 0,1 %

**pH:** 8,1 +/- 0,2 (T = 20°C)

**Resistivity:** 60,5 +/- 1 Ω (T = 20°C)

**Description:** Limpid and odorless aqueous solution.

**Handling Precautions:** This reagent contains sodium azid (<0,1%) as preservative, do not swallow. Avoid contact with eyes, skin and clothing. Wear laboratory gloves when handling the product. Keep the bottle closed when not in use. Please refer to the MSDS associated with the reagent.

**Specimen Collection and Mixing:** see «Section: Workflow» in the instrument User Manual.

## 5. Limitations & waste disposal

**Limitations:** see «Section: Specifications» in the instrument User Manual

**Safe Waste Disposal:** see «Section: Specifications» in the instrument User Manual. Please refer to the MSDS associated with the reagent.