

# Pentra XLR

Process efficiency in Hematology

Compact and reliable hematology platform including reticulocytes in fluorescence.

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- Enhance productivity, flexibility and quality.
  - Standardise lab process and traceability.
  - Increase your expertise in Anemia characterization.
    - Add value to your hematology lab.
    - Benefit from proven technology.



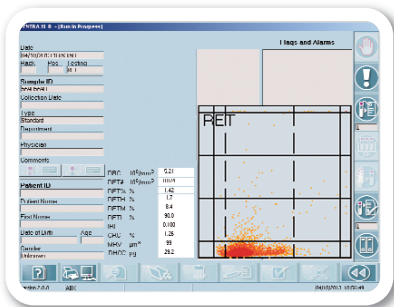
# Pentra XLR

35 parameters in a 80 samples/hour analyser



## Time, cost and quality: save on running reticulocytes

- Based on proven robust technology and easy-to-use ABX Pentra XL platform.
- Reagent and quality control dedicated to reticulocytes.
- Full traceability and compatibility with ABX Pentra ML data management.



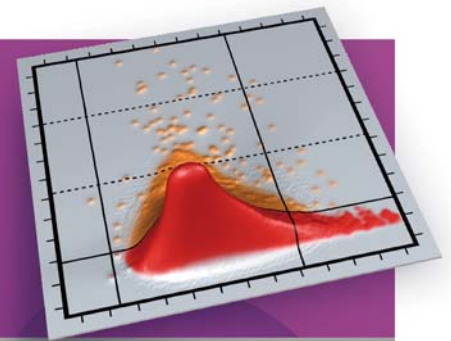
## Full retic parameters with only 35µL of blood

### Full synergy with HORIBA Medical high range solution: same reagent, same QC, same technology

- RET#: Reticulocyte count (#)
- RET%: Reticulocyte percentage (%)
- RETH%, RETM%, RETL%
- IRF: Immature Reticulocyte Fraction
- IMR: Immature RET
- RHCc: Reticulocyte Hemoglobin Cellular content (pg)
- MRV: Mean Reticulocytes Volume (fl,  $\mu\text{m}^3$ )
- CRC%: Corrected Reticulocyte Count (%)

## Differential diagnosis of anemia:

- Classification and monitoring of anemia based on the Reticulocyte count and the CRC
- Follow-up of iron-deficiency anemia based on the MRV and the RHCc
- Detection and monitoring of the erythropoietic response according to three stages of maturation: RET High, RET Medium, RET Low and maturation parameters (IRF and MRV)



Erythroblasts

Reticulocytes

Red blood cells

**HORIBA**  
Medical



FRANCE +33 (0)4 67 14 15 15 - BENELUX +32 (0)3 281 49 08 - ITALY +39 / 06 51 59 22 1 - SPAIN +34 / 91- 353 30 10 - PORTUGAL +351 / 2 14 72 17 70  
UK +44 (0) 1604 542650 - POLAND +48 / 22 6732022 - USA +1 / 949 453 0500 - BRAZIL +55 / 11 5545 1500 - THAILAND +66 / 2 861 59 95

CHINA +86 / 21 3222 1818 - INDIA +91 / 11 4646 5000 - GERMANY AXON LAB AG +49 / 7153 92260 - DISTRIBUTORS NETWORK +33 (0)4 67 14 15 16

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