

# BLOOD PROFICIENCY TESTING SCHEME (B-PTS) PROGRAMME

B-PTS studies aim at assessing the performance of European blood establishment laboratories



## B-PTS Programme

## BACKGROUND AND OBJECTIVES

With a view to improving the safety of blood components and products and of patients undergoing blood transfusion, the **European Directorate for the Quality of Medicines and HealthCare (EDQM)**, a Directorate of the Council of Europe has implemented a **Proficiency Testing Scheme (PTS) programme** dedicated to European blood establishments.

Participation in external quality assessment programmes is recognised as an important aspect of any Quality Management System (QMS) as required in **EU Directive 2005/62/EC** and in the **Good Practice Guidelines**. It is also prescribed by the Council of Europe's **Guide to the Preparation, Use and Quality Assurance of Blood Components**.

The EDQM designs and organises the Blood Proficiency Testing Scheme according to ISO/IEC 17043:2010 Conformity Assessment – General Requirements for proficiency testing.

## B-PTS STUDIES

The B-PTS studies are specifically designed for use in blood transfusion laboratories. Participants receive test panels, which consist of a combination of genuine and unknown samples that would typically be received by a blood transfusion laboratory.

## B-PTS STUDIES ORGANISED FROM 2013 TO 2017

2013	2014	2015	2016	2017
B-PTS010 HIV-NAT B-PTS011 anti-HCV B-PTS012 HCV/HBV-NAT B-PTS013 ABO Rhesus, extended phenotyping and irregular Ab	B-PTS014 HCV/HBV-NAT B-PTS015 anti-Treponema B-PTS016 anti-HIV/p24 B-PTS017 ABO Rhesus, extended phenotyping and irregular Ab	B-PTS018 HBV/HCV/HIV-NAT B-PTS019 anti-HCV B-PTS020 anti-HIV/p24 B-PTS021 HBsAg B-PTS022 anti-HBc B-PTS023 ABO Rhesus, extended phenotyping and irregular Ab	B-PTS024 HBV/HCV/HIV-NAT B-PTS025 anti-HCV B-PTS026 anti-HIV/p24 B-PTS027 anti-Treponema B-PTS028 HBsAg/anti-HBc B-PTS029 ABO Rhesus, extended phenotyping and irregular Ab	B-PTS030 HBV/HCV/HIV-NAT B-PTS031 HEV-NAT B-PTS032 anti-HCV B-PTS033 anti HIV/p24 B-PTS034 anti-Treponema B-PTS035 HBsAg/anti-HBc B-PTS036 ABO Rhesus, extended phenotyping and irregular Ab



Participation in B-PTS studies provides laboratories with an objective means to assess and demonstrate the reliability of their data. It allows them to assess the integrity of their entire testing process in order to identify sources of errors and to prevent erroneous results.

## PARTICIPATION

Participation in B-PTS studies is open to all European blood establishments.

## FEES

No fees are charged for the studies.

## SHIPMENT COSTS

Shipment costs are charged. Charges will depend on the destination and the conditions for shipment.

For more information on the shipment costs, please go to:

[www.edqm.eu/en/blood-proficiency-testing-scheme-products-1619.html](http://www.edqm.eu/en/blood-proficiency-testing-scheme-products-1619.html)

If you are interested in participating in B-PTS studies, please visit our website

<https://go.edqm.eu/BPTS>

or contact us at

[EDQM\\_B\\_PTS@edqm.eu](mailto:EDQM_B_PTS@edqm.eu)

