

HUMAN BLOOD

SPECIFIC DETECTION OF HUMAN BLOOD – FAST, EASY AND APPLICABLE IN LABORATORY AND CRIME SCENE

When searching for blood traces, various techniques are known and applied by forensic analysts and crime scene investigators. However, these techniques are unspecific regarding the human origin of the sample. To claim human origin, often further examinations are necessary after presumptive testing, and not all of these methods can be performed directly at the crime scene. SERATEC® HemDirect is a forensic rapid test that detects human hemoglobin in minutes and combines high sensitivity with an outstanding level of specificity for human blood.

PRODUCT BENEFITS AT A GLANCE

- + detects human hemoglobin in dilutions as low as 1:10,000,000, or 20 ng/mL of hemoglobin
- + validated specificity, no cross-reactivity with many animal species, no cross-reactivity with other human proteins
- + extremely high stability of hemoglobin allows successful examination of very old bloodstains
- + fully compatible with other serological tests, DNA extraction and DNA typing
- + DNA can be extracted from buffer as well as test strip after testing
- + non-destructive to the sample
- + universal extraction buffer is provided with the kit
- + robust cassette format and long shelf life of 24 months
- + test result in as fast as 10 minutes
- + available as laboratory kit or crime scene kit
- + barcoded for the objective quantification with SERATEC® SeraQuant Reader



HemDirect LABORATORY KIT

Cat.No. HBF07/30

UNIT box, 30 cards, each individually pouched with Pasteur pipette and dessicant

HemDirect CRIME SCENE KIT

Cat.No. HBF-CS/20

UNIT box, 20 kits of 1 card (individually pouched with Pasteur pipette and dessicant), 1 vial with buffer solution and a DNA-free sample collection swab

Last but not least: for the differentiation between menstrual and peripheral blood samples, we offer **SERATEC® PMB Test**.
INTERESTED? CONTACT US TO LEARN MORE: WWW.SERATEC.COM | contact@seratec.com | +49 (551) 504800