PEROXTESMO KM

Test paper for the determination of peroxidase resp. traces of blood

PEROXTESMO KM (for the detection of traces of blood in criminal investigations and juridico-medical cases):
Aluminium boxes holding 25 test papers 15 × 30 mm individually sealed in plastic tape. After the test the paper can be put back into the plastic tape and taken as proof for filing.

Color reaction:
PEROXTESMO KM reacts with peroxidase resp. traces of blood to yield blue spots against a white background.

Method of application:
Take a small piece of the suspect material and soak for about one minute in water or physiological saline solution. Remove only as many test papers as are required, and reseal the container immediately after use. Expose the test paper by pulling apart the ends of the plastic tape. Do not touch the test paper zone. Place the moist test material on the test paper, which, after a few seconds, will show a clear, blue discoloration in the presence of blood.
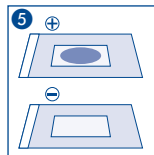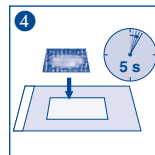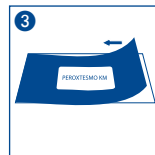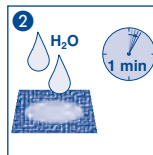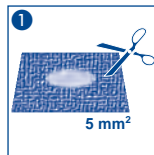For the determination of highly dilute traces of blood, such as washed out blood stains, an enrichment of the blood remains is recommended. This can be achieved by dipping a 15 mm strip of filter paper into the solution to be tested (puddle, rinsing water). The filter paper absorbs the peroxidase contained in the blood. A small square of filter paper is cut from the area immediately above the level exposed to the solution and the moistened filter paper is then pressed firmly against the dry PEROXTESMO KM paper.

Specificity:
PEROXTESMO KM is specific for the determination of peroxidase, but not for blood. For the latter, the use of PEROXTESMO KM can only be considered a preliminary test.

Storage:
Avoid exposing the test paper to sunlight and moisture. Keep container cool and dry (storage temperature 4 – 30 °C).