Interpretation of Hemoccult®

- Pouch
  - Name of the patient / Date of birth
  - Prepare to document the results
- Test Cards Checking
  - Were 3 Test Cards returned?
  - Name of the patient (again)
  - Dates of stool samples (3 different days, min. 48 hours old?)
- Test Cards Interpretation
  - Open the flaps on the back of the 3 Test Cards and place the cards side by side
  - Apply only 1 drop of developer to the centre of each test field
  - Continue by applying a second drop of developer to each test field
  - For larger stool samples more drops of developer may be required
  - Observe the test fields for up to 60 seconds
  - Apply one drop of developer to the Performance Monitor
- Document the Result !

BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

- Negative Test Result
  - No blue colour on or at the edge of the stool sample
  - No blue streaks

Performance Monitor: 1 drop of developer between the 2 white circular areas

BECKMAN COULTER
Primary Care Diagnostics

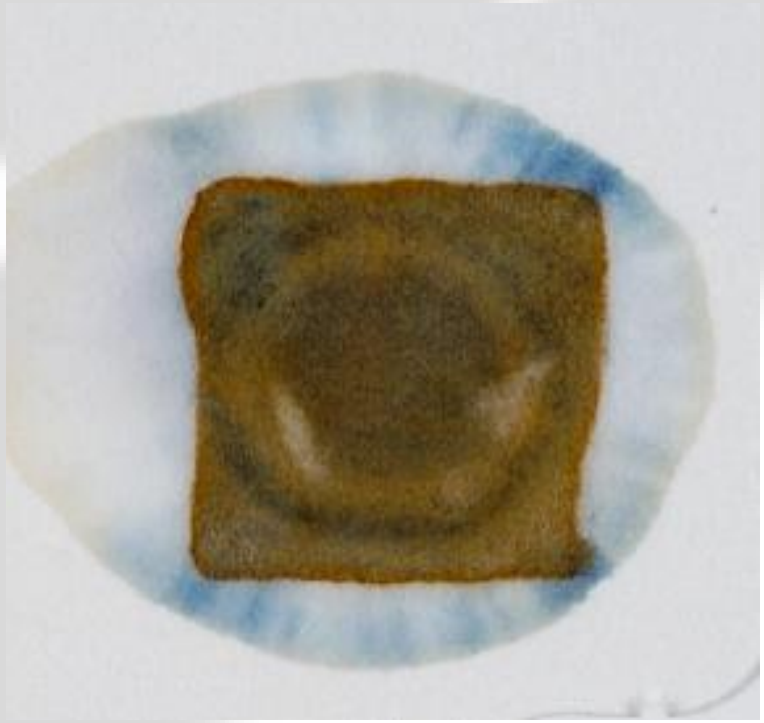
Interpretation of Hemoccult®

- Positive Test Result
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample

BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

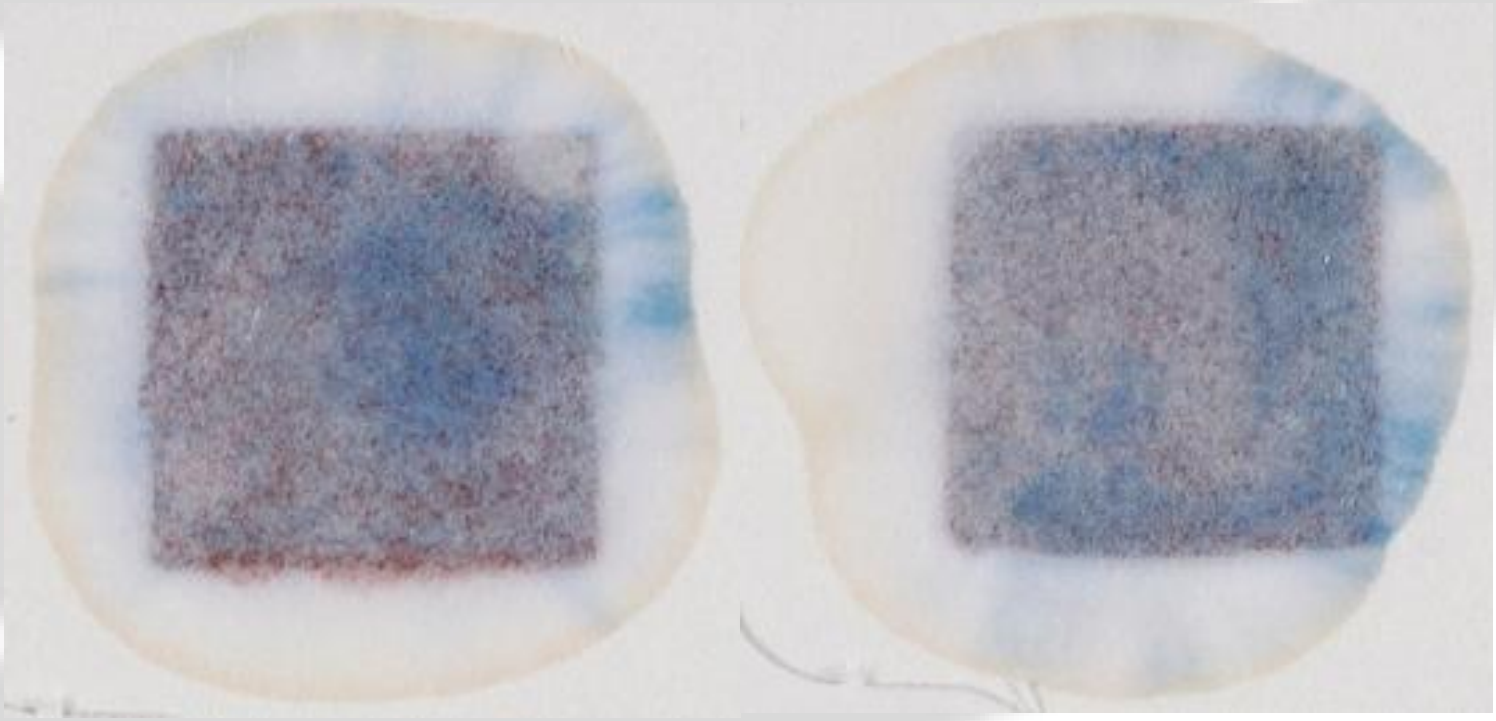
- Positive Test Result
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample



BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

- Positive Test Result
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample



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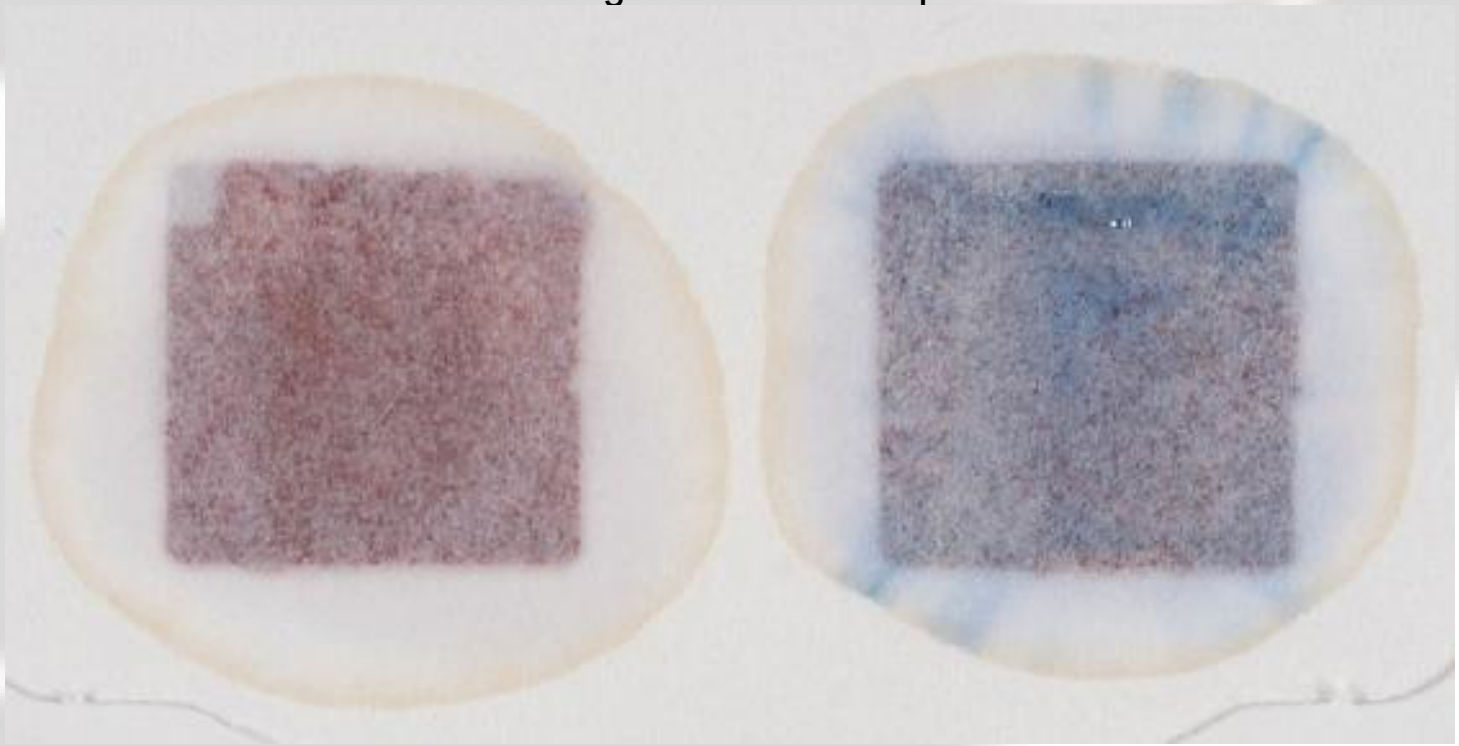
Primary Care Diagnostics

Interpretation of Hemoccult®

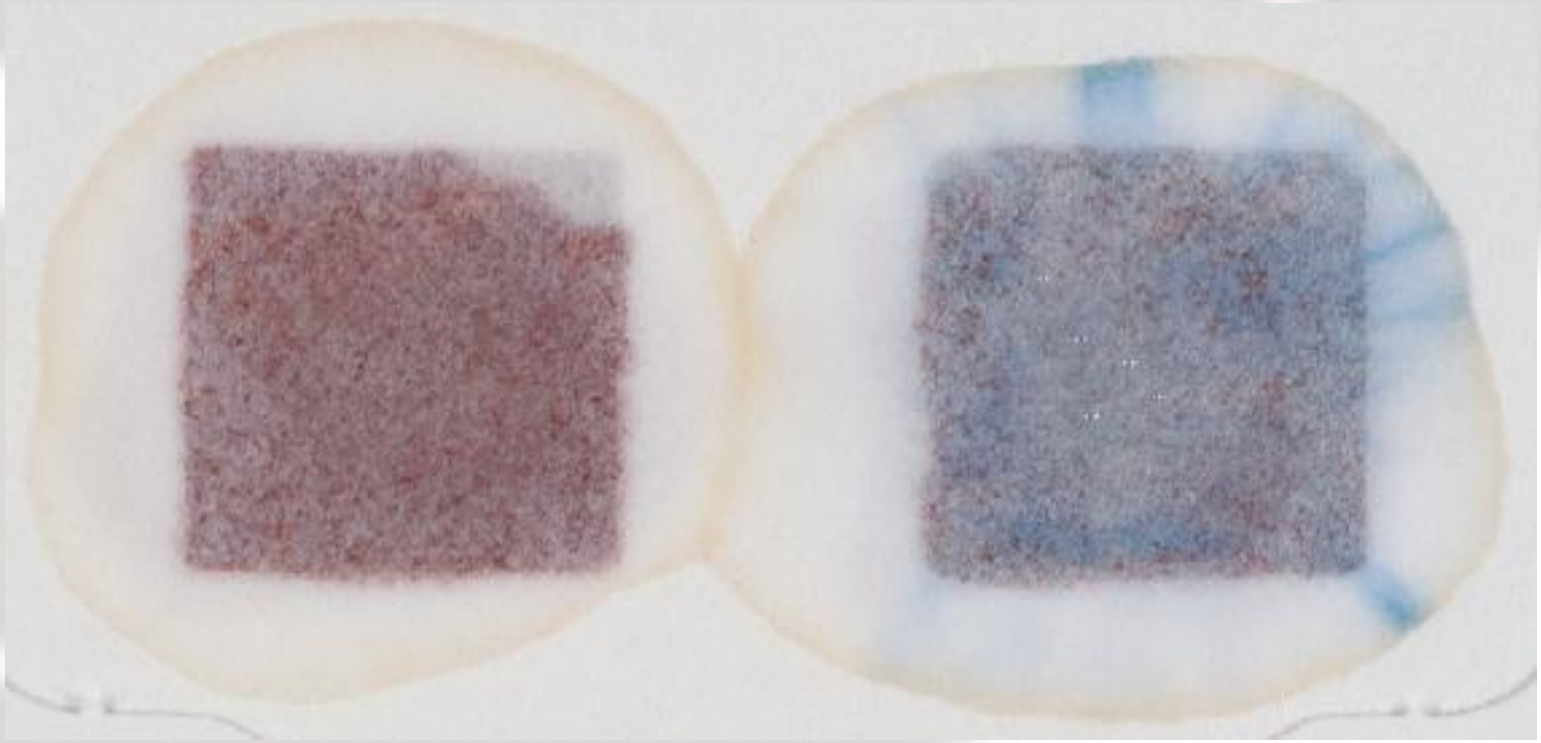
- Positive Test Result (right)
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample



BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

- Positive Test Result (right)
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample



BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

- Positive Test Result (right)
  - Blue colour on or at the edge of the stool sample
  - Blue streaks starting at the stool sample

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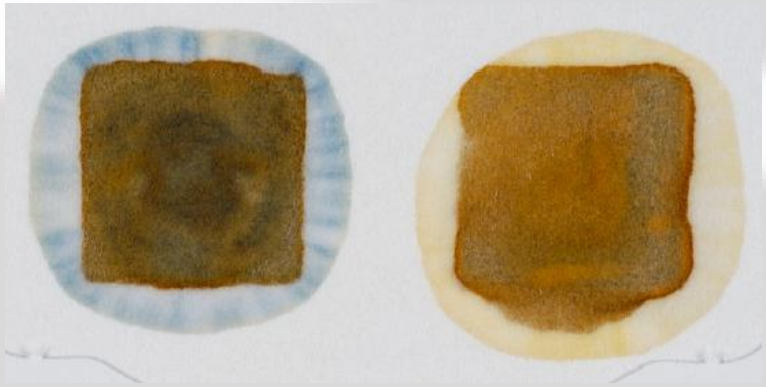
Interpretation of Hemoccult®

- The Blue Colour Fades:

after 30 seconds



2 minutes later

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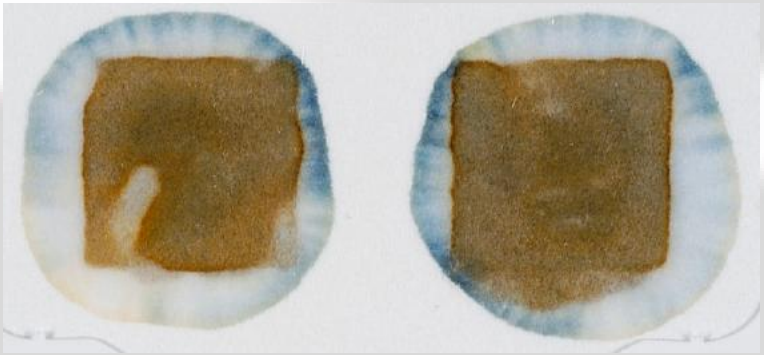
Primary Care Diagnostics

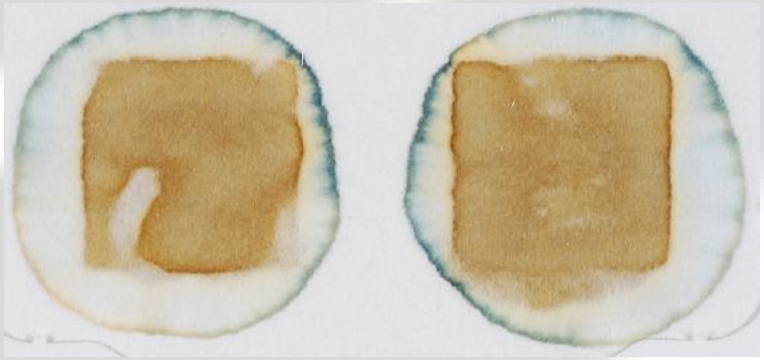
Interpretation of Hemoccult®

- The Blue Colour Fades:

after 30 seconds



2 minutes later

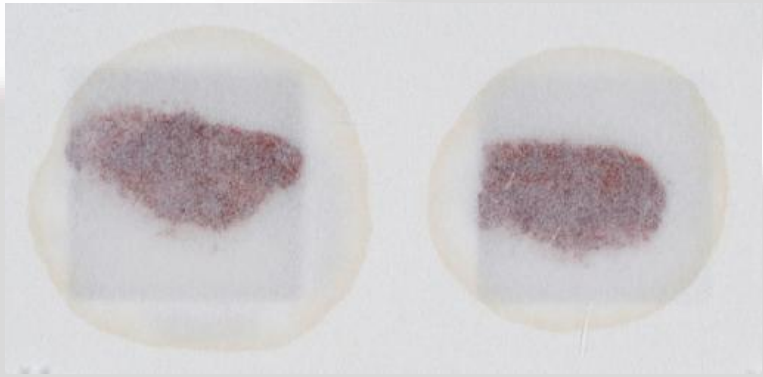


BECKMAN COULTER
Primary Care Diagnostics

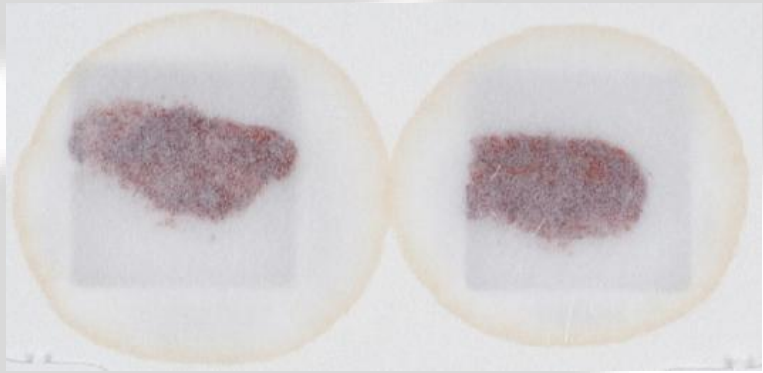
Interpretation of Hemoccult®

- Small Samples
  - Negative Test Result

after 30 seconds



after 60 seconds

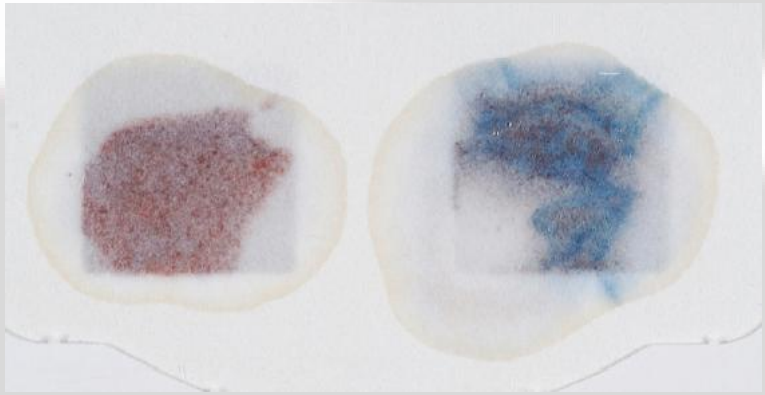


BECKMAN COULTER
Primary Care Diagnostics

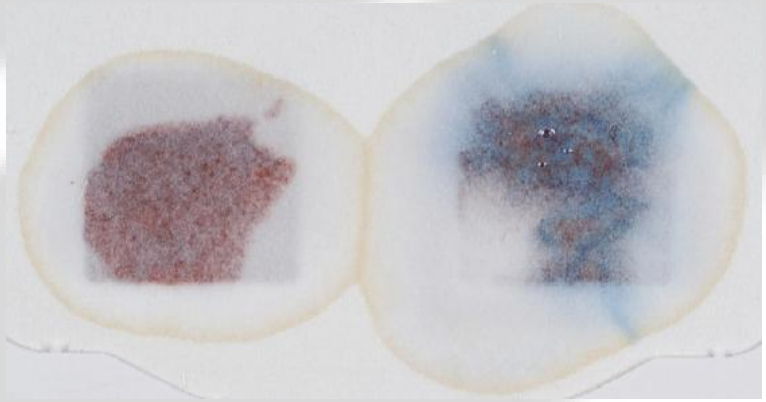
Interpretation of Hemoccult®

- Small Samples
  - Positive Test Result (right)

after 30 seconds



after 60 seconds



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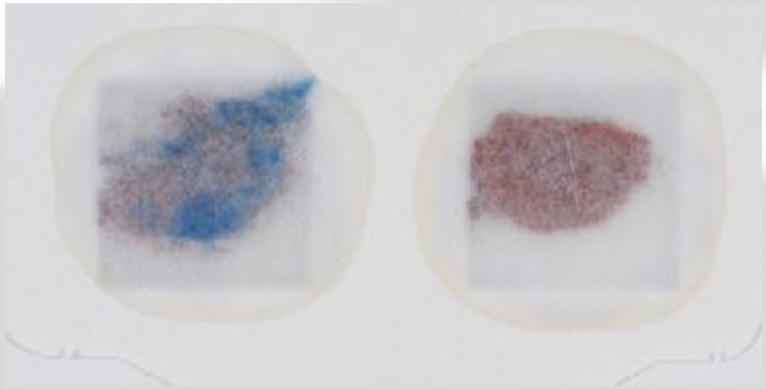
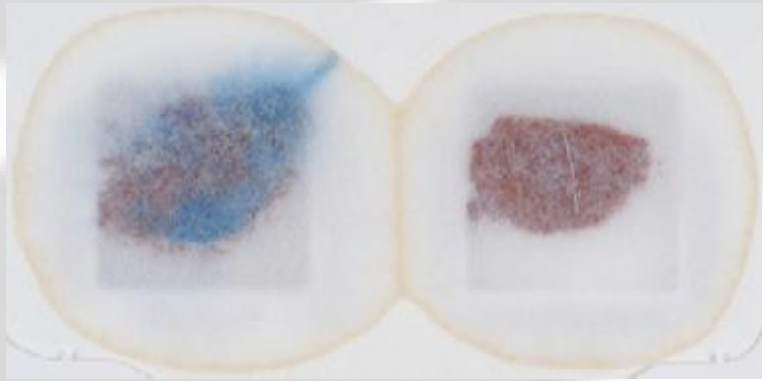
Interpretation of Hemoccult®

- Small Samples
  - Positive Test Result (left)

after 30 seconds



after 60 seconds



BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Unused Test Cards

normal colour

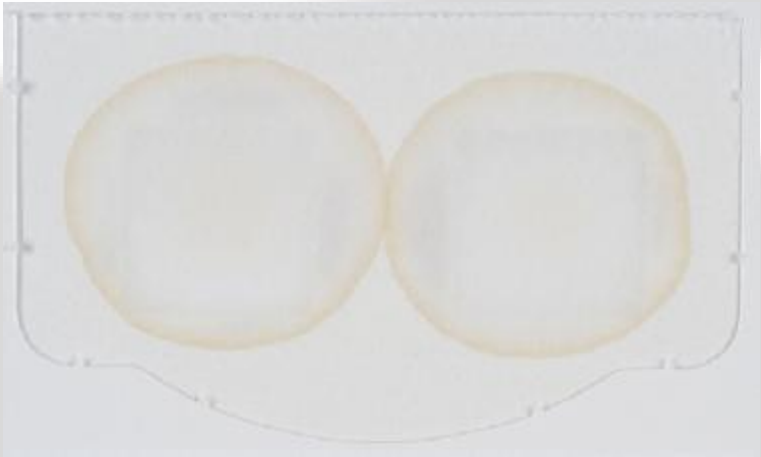
bluished Guaiac paper

BECKMAN COULTER
Primary Care Diagnostics

Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Unused Test Cards

normal colour



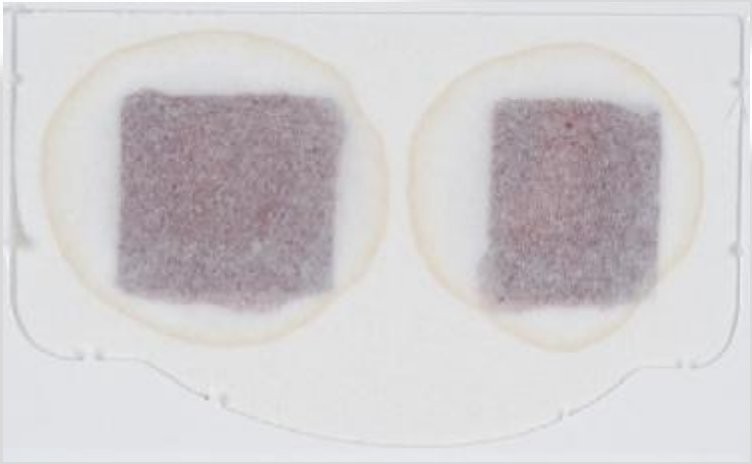
bluished Guaiac paper

BECKMAN COULTER
Primary Care Diagnostics

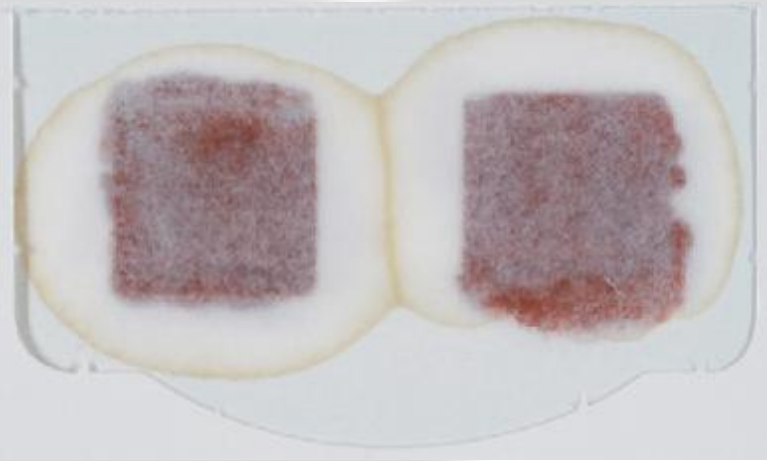
Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Negative Test Result

normal colour



bluished Guaiac paper

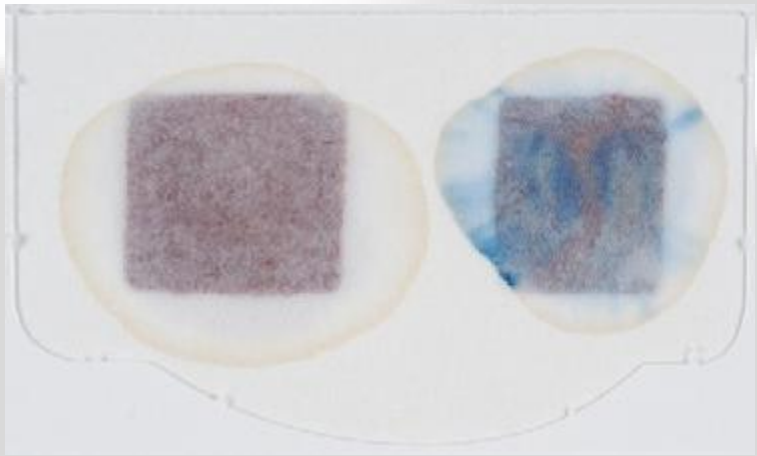


BECKMAN COULTER
Primary Care Diagnostics

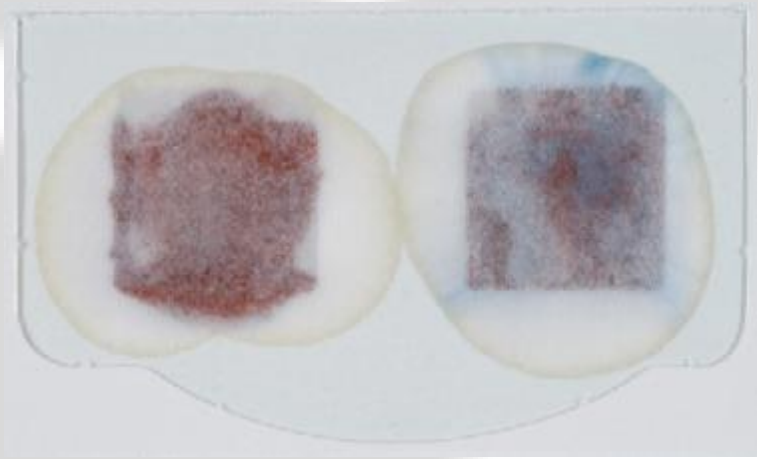
Interpretation of Hemoccult®

- Light Blue Discolouring, e.g. by Sun Light, UV, Ozone
  - Positive Test Result

normal colour



bluished Guaiac paper



BECKMAN COULTER
Primary Care Diagnostics

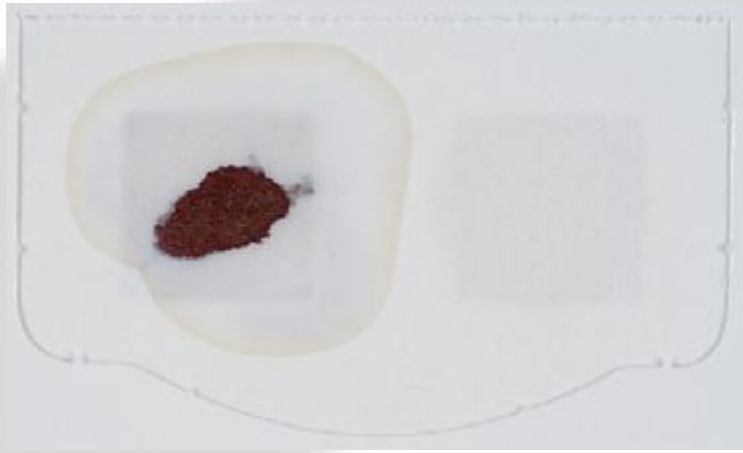
Interpretation of Hemoccult®

- Dried Whole Blood
  - with visible blood, e.g. due to Haemorrhoids, the Test Result is negative, if the Erythrocytes are dried and intact

on the left test field:
dried whole blood

on the right test field:
haemolysed blood
(ca. 200 times diluted)

before developing



after adding developer to the <u>left</u> field

BECKMAN COULTER
Primary Care Diagnostics

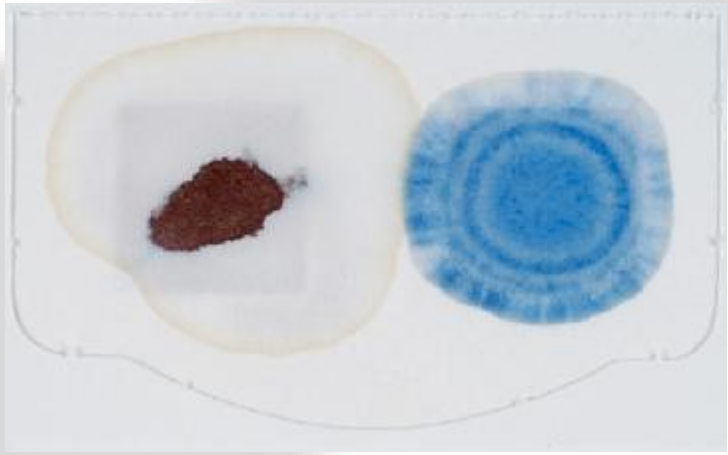
Interpretation of Hemoccult®

- Dried Whole Blood
  - with visible blood, e.g. due to Haemorrhoids, the Test Result is negative, if the Erythrocytes are dried and intact

on the left test field:
dried whole blood

on the right test field:
haemolysed blood
(ca. 200 times diluted)

before developing



after adding developer to both fields

BECKMAN COULTER
Primary Care Diagnostics