diagnostics
with passion

BLOOD GROUPING
SEROLOGY



Serafol® AB0 and AB0+D
Bedside cards for identity proof

Identity proof

Bedside cards

Blood transfusion

Higher patient safety during blood transfusions

- **Clearly visible results of blood typing within a few seconds**
  Strong and rapid agglutination: Clearly visible result is readable immediately!
  No loss of time caused by unnecessary waiting.
- **No further lab equipment necessary**
- **Saving of energy costs**
  No need for refrigeration
- NEW **Coming in 2026: Innovative storage solution with an extended temperature profile**
  Serafol® AB0: storage at 2 - 37 °C
  Serafol® AB0+D: storage at 2 - 30 °C
- **Easy to use**
  No canula required for puncture of a membrane: No risk of physical injury!
- **Paper-based bedside card**
  No plastic waste
- **Two individual determinations on 1 card possible**
  2 tests on one twin card, since the card can be separated in the middle:
  e.g. blood bag / donor & patient / recipient or two recipients.
- **Can be archived for documentation purposes**



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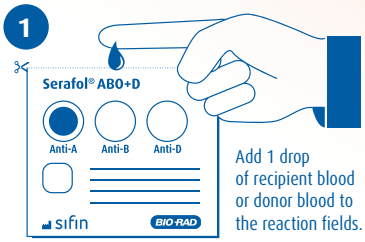
2 °C 37 °C Serafol® AB0
2 °C 30 °C Serafol® AB0+D

Serafol® AB0 and AB0+D for identity proof

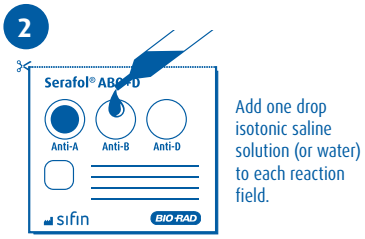
In many countries, regulations governing the use of blood products require identity checks immediately prior to blood transfusion.

The Serafol® hemagglutination test is used for the confirmation of earlier AB0 and D blood grouping*) of the recipient and ensures the compatibility of blood types of the recipient and the blood to be transfused.

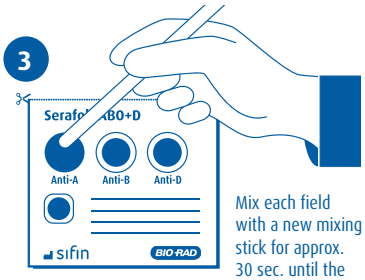
Easy workflow at a glance



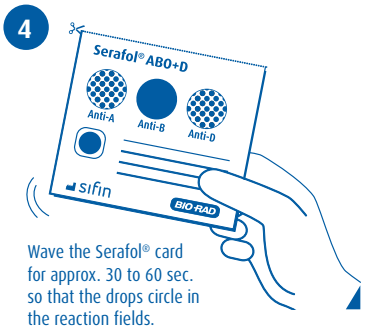
Add 1 drop of recipient blood or donor blood to the reaction fields.



Add one drop isotonic saline solution (or water) to each reaction field.



Mix each field with a new mixing stick for approx. 30 sec. until the dried reagent is completely dissolved. While mixing, spread material to be tested over the entire reaction field.



Wave the Serafol® card for approx. 30 to 60 sec. so that the drops circle in the reaction fields.

Observe the reaction mixes for agglutination.

Positive reaction: visible agglutination after 30 sec. (e.g., see Anti-A and Anti-D).

Negative reaction: no agglutination (e.g., see Anti-B).

Results in the example: Blood type AD (positive)

IFU Download

Date of revision: 01/10/2025

Maximum quality with Serafol® AB0 and AB0+D

✓ Serafol® is easy and ready-to-use

Capillary-, vein-, or donation blood is applied directly to the reaction fields.

✓ Reliable results due to auto-control field

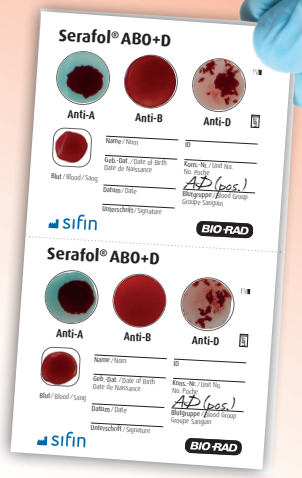
False positive results caused by cold-reacting autoantibodies or the phenomenon of rouleaux formation can be clarified immediately at the bedside due to the auto control field.

✓ Sensitivity and Reliability

No false positive results!
Does not detect „acquired B“!
Immediate detection of A_1 and A_2
(A_3 or A_x weak positive or negative)!
Detection of non-specific reactions by plasma proteins.

✓ Archivable

For documentation, the reaction mixes can be dried and covered by a self-adhesive, see-through foil cover.



Serafol® product line

Product	Description	Art. No.	Packing
Serafol® AB0 sticks and foils included	For the AB0 system. 1 kit contains: 1 twin card, 2 cover foils and 2 mixing sticks. 10 double or 20 single determinations.	BG1721	10 x 1 kit
Serafol® AB0	For the AB0 system. 50 double or 100 single determinations.	BG1722	50 cards
Serafol® AB0+D	For the AB0+Rh system. 50 double or 100 single determinations.	BG1723	50 cards
Mixing sticks	Used to stir each bedside card's reaction field until the reagents are completely dissolved.	BG1712	100 sticks
Self-adhesive foil cover	For documentation, the bedside card can be covered by a self-adhesive foil cover.	BG1713	100 foils

*) Please find our test reagents for blood grouping on www.sifin.de.

Manufacturer / Distributor
sifin diagnostics Gmbh

Distributor
Bio-Rad Medical Diagnostics GmbH