

Instructions for use



Sanquin Reagents B.V.
Plesmanlaan 125
1066 CX Amsterdam
The Netherlands

Phone: +31 20 5123599
Fax: +31 20 5123570
Reagents@sanquin.nl
www.sanquin.org/reagents

Pelikloon enhanced control

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For professional use only

Control reagent for blood grouping

General information

Pelikloon enhanced control is a control reagent for Pelikloon enhanced blood grouping reagents (monoclonal). These reagents contain bovine serum albumin as a potentiator. Cells, which are sensitised in vivo with complete or incomplete antibodies, may yield a false positive reaction with these reagents. Pelikloon enhanced blood grouping reagents (monoclonal) should always be tested in parallel with Pelikloon enhanced control, which must yield a negative result before the patient/donor is definitively assigned a blood group.

Precautions

For in vitro diagnostic use only. Reagents should be stored at 2–8°C. Leaking or damaged vials may not be used. Reagents (unopened or opened) should not be used beyond the expiration date, which is printed on the label of the vial. NaN₃ 0.1% (w/v) is used as preservative. The reagent cannot be assumed to be free from infectious agents. Care must be taken in the use and disposal of each container and its contents. Turbidity may indicate microbial contamination. To recognise reagent deterioration, testing of the reagent as part of the laboratory quality control program using appropriate controls is recommended. Waste-disposal, after completion of the test, should be performed according to your laboratory regulations.

Specimen collection and preparation

Blood samples should be withdrawn aseptically with or without the addition of anticoagulants. If testing of the blood samples is delayed, storage should be at 2–8°C.

Preparation of the specimen is described in the respective test procedures.

Test procedures

Follow the instructions in the package insert of the Pelikloon enhanced blood grouping reagent.

Interpretation

If the reagent control with Pelikloon enhanced control is negative, the reactions observed between the blood grouping reagent and the test sample are reliable. If the reagent control with Pelikloon enhanced control is positive, no conclusions can be drawn regarding the reactions observed between the blood grouping reagent and the test sample. The tests should then be performed using monoclonal (IgM) blood grouping reagents without potentiators.

Limitations

False positive or false negative results may occur through contamination of test materials or any deviation from the recommended technique.

References

1. Race R.R. and Sanger R.; Blood Groups in Man, 6th ed. Oxford Blackwell Scientific Publishers 1975.
2. Issitt P.D.; Applied Blood Group Serology, 3rd ed. Montgomery Scientific Publications, Miami, Florida, USA, 1985.
3. Daniels G.; Human Blood Groups. Blackwell Science Ltd. 1995.
4. Mollison P.L. et al.; Blood Transfusion In Clinical Medicine, 9th ed. Blackwell, Oxford, 1993.

Sanquin products are guaranteed to perform as described in the original manufacturer's instructions for use. Strict adherence to the procedures, test layouts and recommended reagents and equipment is essential. Sanquin declines all responsibility arising from any deviation thereof.