

BlankCell

11729306 122
Lot: 172864

2 x 50 mL

English

Intended use

BlankCell is only used for instrument calibration by Roche Technical Service.

Summary

Reagent for service personnel to perform

- Initial BlankCell calibration
- PMT HV adjustment
- Artificial media test

Reagents - working solutions

BlankCell, Cat. No. 11729306, 2 x 50 mL, for 225 measurements (corresponding to 75 initial BlankCell calibrations)

BCR1 Phosphate buffer 300 mmol/L, tripropylamine 180 mmol/L, detergent \leq 0.1%, preservative, pH 6.8.

BCR2 Phosphate buffer 300 mmol/L, tripropylamine 180 mmol/L, tris (2,2'-bipyridyl)ruthenium(II)-complex 10 nmol/L, detergent \leq 0.1%, preservative, pH 6.8.

Precautions and warnings

Exercise the normal precautions required for handling all laboratory reagents. Disposal of all waste material should be in accordance with local guidelines. Safety data sheet available for professional user on request.

Avoid the formation of foam with all reagents and sample types (specimens, calibrators, and controls).

Reagent handling

The contents are ready for use.

Either bring the cooled reagents to approx. 20°C before loading or place in reagent disk of the analyzer 45 min. before use.

Avoid the formation of foam.

Storage and stability

Store at 2-8°C.

Close tightly after use.

Stability:

- Stable up to the stated expiration date
- The reagent should not be kept for more than 3 weeks at 15-25°C

Materials provided

- BlankCell

Materials required (but not provided)

- Elecsys 2010 or MODULAR ANALYTICS E170 immunoassay systems. See operator's manual for additionally required materials.

Initial BlankCell calibration:

The initial BlankCell calibration has to be performed:

- after PMT HV adjustment (see below)
- after service activities:
 - PMT replacement
 - measuring cell replacement / cell cleaning and similar steps
 - Sipper probe replacement
 - Sipper tubing replacement
 - ANG-EP replacement
 - L-AMP(1) replacement
 - Magnet drive replacement
 - a lengthy period of non-use
- as a preventive measure at service intervals of about 6 months

For detailed information consult the service manual.

Target values for BCR1 and BCR2: see table.

Artificial media test:

Consult the service manual for detailed information about the procedure, calculation and interpretation of results.

Target values for BCR1 and BCR2: see table.

Target values

BCR1	300	counts
BCR2	103000	counts

PMT HV adjustment:

BCR2 signal has to be adjusted to meet the target range.

For detailed information consult the service manual.

Target range

BCR2	97900 - 108000	counts
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