

Folate RBC Hemolyzing Reagent



Hemolyzing reagent for the determination of folate in erythrocytes

REF		SYSTEM
05944317 190	→ 4 x 200 mL	Elecsys 2010 MODULAR ANALYTICS E170 cobas e 411 cobas e 601 cobas e 602 cobas e 801

English

Intended use

Folate RBC Hemolyzing Reagent is intended to be used in conjunction with the Elecsys Folate RBC assay for the determination of folate in erythrocytes.

Summary

Hemolysis of whole blood samples is necessary to determine the folate content in erythrocytes.

Reagents - working solutions

Folate RBC Hemolyzing Reagent is labeled as Folate RBC Hemolyzing Reagent.

- 4 packs of ascorbic acid, each containing 0.4 g
- 1 empty plastic bottle for 200 mL

Precautions and warnings

For in vitro diagnostic use.
 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 foam formation in all reagents and sample types (specimens, calibrators and controls).

Reagent handling

To prepare the 0.2 % ascorbic acid solution, transfer the entire content of one pack to the plastic bottle and dissolve by adding 200 mL of distilled or deionized water.

Allow the solution to stand for 5 minutes at 20-25 °C and then mix.

Note: The plastic bottle should be rinsed with distilled or deionized water before reuse.

Storage and stability

Store at 2-8 °C.

Stability:	
unopened at 2-8 °C	up to the stated expiration date
ascorbic acid solution at 2-8 °C	14 days

Materials provided

- REF 05944317190, Folate RBC Hemolyzing Reagent kit for 4 x 200 mL contains:
 Ascorbic acid

Materials required (but not provided)

- Apparatus for measuring hematocrit
- REF 05944295190, Folate RBC test reagent kit for 100 tests for use on the Elecsys 2010, MODULAR ANALYTICS E170 and **cobas e** analyzers or
REF 07027290190, Elecsys Folate test reagent kit for 300 tests for use on the **cobas e 801** analyzer
 (Materials required to perform the folate test are listed in the Method Sheet)
- REF 05944309190, Folate RBC CalSet or
REF 07396473190, CalSet Folate
- Elecsys 2010, MODULAR ANALYTICS E170 or **cobas e** analyzer
- General laboratory equipment
- Distilled or deionized water

Assay

For determination of folate in whole blood samples, see specimen collection and preparation chapter in the Method Sheet of the Elecsys Folate RBC assay.

For further information, please refer to the appropriate operator's manual for the analyzer concerned, the respective application sheets, the product information and the Method Sheets of all necessary components (if available in your country).

A point (period/stop) is always used in this Method Sheet as the decimal separator to mark the border between the integral and the fractional parts of a decimal numeral. Separators for thousands are not used.

Symbols

Roche Diagnostics uses the following symbols and signs in addition to those listed in the ISO 15223-1 standard:

CONTENT	Contents of kit
SYSTEM	Analyzers/Instruments on which reagents can be used
REAGENT	Reagent
CALIBRATOR	Calibrator
→	Volume after reconstitution or mixing
GTIN	Global Trade Item Number

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