Sample Dilution Buffer

Universal kit

Order references

Reagents

REF		CONT
SDBUF-B00	*Sample Dilution Buffer*	2 x 70 mL
SDBUF-H00	*Sample Dilution Buffer*	8 x 70 mL
SDBUF-L00	*Sample Dilution Buffer*	16 x 70 mL

Other necessary products

REF		CONT
CACOL-B00	*Universal kit*	1 x 18 mL R1 + 1 x 7.5 mL R2
CACOL-H00	*Universal kit*	3 x 18 mL R1 + 3 x 7.5 mL R2
CACOL-L00	*Universal kit*	7 x 18 mL R1 + 7 x 7.5 mL R2
CAL0510	*Calpro EasyExtract™*	50 devices
CAREK-000	*Calprotectin Calibrators Kit (6 Levels)*	6 x 1 mL
CACOS-002	*Calprotectin Low Control*	1 x 2 mL
CACON-002	*Calprotectin Medium Control*	1 x 2 mL
CACOX-002	*Calprotectin High Control*	1 x 2 mL

Field of application - Purpose

Sample Dilution Buffer is a dilution buffer necessary for the determination of calprotectin concentration in faecal extract.

Method principle

The gold particles in colloidal form are stabilized using monoclonal antibodies directed specifically against human calprotectin. The reaction of these conjugates with human calprotectin, present in a biological sample, causes the specific agglutination of the gold particles. This agglutination, directly proportional to the concentration of the calprotectin in the sample, is read at 546 nm and 600 nm.

Warning and precautions

- For in vitro diagnostic use only.
- Must be handled by qualified personnel under the responsibility of a biologist.
- The human-origin products have been screened and found negative for HIV 1 and 2 antibodies, HCV antibodies and HBAg, but they must nevertheless be handled as potentially infectious products.
- These products contain sodium azide. Products containing sodium azide must be handled with care: avoid ingestion and contact with the skin or mucous membranes.
- Sodium azide becomes explosive on contact with heavy metals such as copper or lead.

Buffer

Composition and concentrations/Storage

Active components:
None

Other components:
Buffer, stabiliser, inorganic salt and preservative.

Conservation temperature:
2 - 8 °C.

Preparation

Ready to use.

Storage and stability

Reagents are stable until the expiration date printed on the packaging (months passed), under the following recommended storage and handling conditions:

- Unopened vial stored at temperature indicated on packaging.
- Opened vial: closed immediately after use or placed on closed analyser intended for this purpose, not contaminated by handling and stored at the temperature indicated on the packaging.
- Reagent is shipped at 2-8°C.

Note:

- Do not freeze the buffer.

Other materials required

Usual laboratory equipment including an analytical system equipped with a photometric detector.

Utilisation procedure

If the application is not installed on your analyzer, please contact Calpro AS. CE validated applications are available from Calpro AS.
For a detailed description on how run an assay, please refer to the operating instructions for your system.

Symbols legend

The following symbols may appear on the packaging and the label:

LOT	*Batch code*	BUF	*Buffer*
	Use by	CAL	*Calibrator*
	Manufacturer	H	*High*
IVD	*In Vitro Diagnostics Medical Device*	M	*Medium*
	Temperature limitation (store at)	L	*Low*
REF	*Catalogue number*	4 LEV	*4 levels*
	Consult instructions for use	5 LEV	*5 levels*
REAG	*Reagent*	6 LEV	*6 levels*
KIT	*Kit*	CONTROL	*Control*
CONT	*Contents*	CE	*This product meets the requirements of European Directive 98/79 CE concerning diagnostic medical devices in vitro*
Ab	*Antibody or Antiserum*		*Track version changes*

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