

AMMONIA CALIBRATOR

For discrete analyzers
 Product code: 1478-1042
 Package: 2 x 5 ml
 Store at 2-8°C
 For *in vitro* use

INTENDED USE

Calibrator material for the preparation of reference curves for the quantitative determination of Ammonia in human plasma, using MEDICON and other types of reagents, on MEDILYZER®, Diatron Pictus series, BECKMAN COULTER AU400/600/600-IVD/640/2700/5400, or ADVIA 1200/1800/2400, DIMENSION® RxL /RxL HM /RxL Max/RxL Max HM/ Xpand/ Xpand HM/Xpand Plus/Xpand Plus HM/ EXL/EXL LOCI Module automated analyzers or any other type of discrete analyzer. For in vitro use only.

COMPOSITION

Ammonium chloride in buffer. Preservative.

WARNINGS – PRECAUTIONS

- For in vitro use only.
- Contains sodium azide (NaN₃) <0.1%. Avoid contact with skin, eyes and mucous membranes.

PREPARATION

Calibration material ready to use. Invert the vials gently to acquire homogenous mix. Avoid foaming. Replace cap immediately after use and store at 2-8°C. Unsuitable storage, handling, or errors during the analytical procedure may give erroneous results.

MATERIALS NEEDED BUT NOT PROVIDED WITH THE KIT

- Ammonia reagent
- Automated biochemical analyzer
- Common laboratory equipment.

STORAGE – STABILITY

The material is stable, unopened up to the expiry date stated on the label when stored at 2-8°C. After opening the material is stable for 2 weeks when stored tightly capped after use at 2-8°C.

DETERIORATION

The material should not be used

- After prolonged exposure to direct sunlight or high temperature
- After the expiry date
- When microbial growth is evident

PROCEDURE

Refer to the appropriate User's Guide and the accompanying Instrument Setting Sheet for analyzer-specific assay instructions for calibration.

If any trends or sudden shifts in values are detected, review all operating parameters. Control recovery should lie within acceptable intervals. Results outside the specified values even after recalibration could be due to reagent/calibrator/control deterioration, unsuitable storage conditions, instrument malfunction, or error during test procedure. Every laboratory should establish its own corrective measures in case control recovery lies outside acceptable intervals.

Make sure the LOT on the vial is the same as on the value sheet accompanying the material.








WASTE DISPOSAL

This product contains sodium azide (NaN₃), which forms sensitive explosive compounds with copper or lead. Flush waste pipes with water after the disposal of undiluted reagent in order to avoid azide build up in the drain pipes. Dispose of all waste material in accordance with local guidelines. Safety data sheet is available for professional use on request

ASSIGNED VALUES – Lot specific

Refer to the table of assigned values. The range represents the maximum acceptable deviation for one measurement only.

SYMBOLS

	Temperature Limits (L/H)		Manufacturer
	Read the Instructions		Catalog Number (ISO 15223 / rev. EN980)
	Batch Code (ISO 15223 / rev. EN980)		For in vitro use (ISO 15223 / rev. EN980)
	Date of Expiry (ISO 15223 / rev. EN980)		

