

# Beacon Multicalibrator (Biochemistry)



Code	Product Name	Pack Size
LP013A	Beacon Multicalibrator	1x3 ml
LP013B	Beacon Multicalibrator	4x3 ml

Store at 2 - 8°C.

## PRODUCT CHARACTERISTICS

The concentrations and activities have been selected so as to ensure optimum calibration for use in manual and automatic analysers.

## REAGENTS

The concentration / activities of the components are lot-specific. The exact values and ranges valid for reagents are given informational purpose in the value sheet.

## PRECAUTIONS

Components from human origin have been tested and found negative for the presence of HBsAg, HCV and antibody to HIV (1/2). However handle cautiously as potentially infectious.

## CALIBRATION

Information available on request.

## PREPARATION

-Reconstitute with 3.0 ml of distilled water.

-Mix thoroughly, avoid foaming.

-Bring to room temperature for about 30 min. before use.

Improper handling and/or storage can affect results.

Inaccurate reconstitution and errors in assay technique can cause erroneous results.

## STORAGE AND STABILITY

The calibrator is stable until the expiration date on the label when stored tightly closed at 2-8° C and contaminations are prevented during their use.

Do not use reagents over the expiration date or if there is visible evidence of microbial growth. Store calibrators tightly capped when not use.

- After reconstitution is stable for:

At 15° C to 25° C: 8 hours

At 2° C to 8° C: 2 days

At -25° C to -15° C: 4 weeks

# Beacon Multicalibrator (Biochemistry)

LOT NO : LP13-053

PARAMETER NAME	METHOD	CALIBRATOR VALUE	CALIBRATOR VALUE
Alkaline Phosphatase	PNPP	379 U/L	-
Albumin	BCG	4.10 gm/dl	41.0 g/l
Amylase	Direct Substrate	151 U/L	-
Cholesterol	CHOD/POD	171 mg/dl	4.42 mmol/l
Creatinine	Alkaline Picrate/Enzymatic	4.20 mg/dl	371.28 µmol/l
Glucose	GOD/POD	199 mg/dl	11.04 mmol/l
Gamma-GT	SASZ	97 U/L	-
Magnesium	XB	3.11 mg/dl	1.27 mmol/l
Lipase	Methyl Resorufin	88 U/L	-
Phosphorus	Molybdate UV	6.50 mg/dl	2.09 mmol/l
SGOT	IFCC, Kinetic	91.3 U/L	-
SGPT	IFCC, Kinetic	84.6 U/L	-
Triglycerides	GPO/POD	169.0 mg/dl	1.90 mmol/l
Total Protein	Biuret	6.6 gm/dl	66 g/l
Uric Acid	Uricase POD	5.37 mg/dl	319.40 µmol/l
Urea	UV GLDH	103.3 mg/dl	17.19 mmol/l
Calcium	ARSENazo III	9.87 mg/dl	2.46 mmol/l
LDH	L->P Kinetic	218 U/L	-
CK-NAC	Modified IFCC	245 U/L	-
Total Bilirubin	DMSO	4.28 mg/dl	73.18 µmol/l
Direct Bilirubin	DMSO	1.72 mg/dl	29.41 µmol/l



## SYMBOLS USED ON LABELS

<b>REF</b>	Catalogue Number		Manufacturer		See Instruction for Use		Expiry Date
<b>LOT</b>	Lot Number	<b>CONT</b>	Content		Storage Temperature	<b>IVD</b>	In Vitro Diagnostics