

Liquid Reagents – ready to use

DIACAL AUTO

Lyophilized calibration serum for the use in tests for the quantitative in vitro determination of various analytes on photometric systems.

Ref.No.	Kit Size	Content
DIA040012	1 x 3 ml	Single Vial
DIA040010	3 x 3 ml	Kit
DIA040011	5 x 3 ml	Kit
DIA040014	10 x 3 ml	Kit
DIA040015	12 x 3 ml	Kit
DIA040016	15 x 3 ml	Kit
DIA040017	20 x 3 ml	Kit

COMPOSITION

Diacal Auto is a lyophilized calibrator based on human serum with chemical additives and material of biological origin.

ORIGIN OF THE BIOLOGICAL ADDITIVES

Analyte	Origin
Albumin	genuine / bovine plasma
Alkaline phosphatase	human placenta / placenta (human, recombinant)
ALAT / GPT	porcine (heart)
alpha-Amylase	porcine (pancreas) / human saliva
Pancreatic amylase	porcine (pancreas)
ASAT / GOT	porcine (heart) / human recombinant
Bilirubin	porcine (bile) / chemical
Cholesterol	genuine / bovine plasma
Cholinesterase	genuine / human serum
Creatine kinase (CK)	human / rabbit muscle
CK-MB	human
Gamma-GT	porcine (kidney) / human recombinant
GLDH	Bovine liver / bacterium, recombinant
LDH	chicken (heart) / porcine heart
Lipase	porcine pancreas / human recombinant
Triglycerides	genuine / chicken egg yolk

PREPARATION

1. Open the vial very carefully, avoiding any loss of the lyophilized material.
2. Add exactly 3 ml of distilled water (inaccurate reconstitution of the calibrator can cause erroneous results).
3. Close the vial carefully and let it stand for 30 minutes, swirling occasionally.
4. Dissolve contents completely by swirling gently, avoiding the formation of foam. Do not shake!

Transfer corresponding quantity needed for calibration into a clean sample cup and treat it the same way as patient samples.

Defrost reconstituted, frozen aliquots of the reconstituted Diacal Auto protected from light at room temperature (18 – 25 °C) until they are completely thawed. After thawing, gently swirl for complete homogenization and use for calibration immediately afterwards.

TEST PROCEDURE

Please refer to the reagent package inserts for instructions for use.

STABILITY AND STORAGE

Storage:	at 2 – 8 °C			
Stability:	until indicated date of expiration			
Stability after reconstitution:		-20 °C	+4 °C	+25 °C
Bilirubin (in the dark)	14 days	8 hours	3 hours	
Other analytes	30 days	2 days	8 hours	

Close immediately after use!
Avoid bacterial contamination!
Freeze only once!

Criterion for the stability stated is a recovery within $\pm 5\%$ of the initial value.

LOT SPECIFIC CALIBRATOR VALUES

The concentrations of the calibrator analytes are lot-specific and stated in the value sheet of the corresponding lot. Please refer to enclosed table with lot specific calibrator values.

Determinations were performed under standardized protocols using Diagnostica reagents and Diacal Auto master calibrator or reference materials. The value sheet contains information about the traceability.

WARNINGS AND PRECAUTIONS

1. Each individual blood donation used for production of Diacal Auto was found to be non-reactive when tested with FDA-approved methods or CE-accepted methods for HBsAg, anti-HIV 1+2 and anti-HCV.
2. As there is no possibility to exclude definitely that products derived from human blood or animal components transmit infectious agents, it is recommended to handle Diacal Auto with the same precautions used for patient specimens.
3. Please refer to the safety data sheets and take the necessary precautions for the use of calibrators and controls.

WASTE MANAGEMENT

Please refer to local legal requirements.

