

**BEINQUALITY CLINICAL CHEMISTRY GENERAL
CONTROL AND CALIBRATOR**

En

REF: BQ020A BECON N (Level I Control) 5 x 5 mL
 REF: BQ020B BECON N (Level I Control) 5 x 5 mL
 REF: BQ020C BECON P (Level II Control) 5 x 5 mL
 REF: BQ020D BECON P (Level II Control) 5 x 5 mL

Changes made in the instructions for use are marked as grey.

Package insert instructions must be carefully followed. Reliability of assay results cannot be guaranteed if there are any deviations from the instructions in this package.

INTENDED USE

Beinquality Clinical Chemistry General Calibrator is for quality control and calibration of the parameters stated in the value sheet.

CONTENTS / MATERIALS PROVIDED

Becon N (Level I Control)

REF: BQ020A

Package: 5 x 5 mL Lyophilized

Becon N (Level I Control)

REF: BQ020B

Package: 5 x 5 mL Lyophilized

Becon P (Level II Control)

REF: BQ020C

Package: 5 x 5 mL Lyophilized

Becon P (Level II Control)

REF: BQ020D

Package: 5 x 5 mL Lyophilized

BQ020A/BQ020B contain the human serum

Sodium Azide (0,09 %) is added as preservative.

Materials Required But Not Provided:

1. Class A volumetric pipette for liquid transfer
2. Distilled or deionized water meeting the specifications equivalent to USP (United States Pharmacopeial Convention) purified water.

CALIBRATOR AND CONTROL STABILITY

Temperature-Conditions	Stability
Dry form and stored in a dark place at +2/+8°C	Expiry date on the vial.
Diluted and stored in a dark place at +25°C	8 hours
Diluted and stored in a dark place at +2/+8°C	2 days
Diluted, stored in a dark place and frozen at -20°C	30 days

LIMITATIONS

1. Please open the vial caps carefully. When you open, be careful not to scatter any powdery substance around or to escape from the vial.
2. Dissolve with distilled water with volume stated on the vial. Injector should not be used for the transfer process since there may be errors between 5-20% in liquid transfer with the injector. Use calibrated micropipettes.
3. Temperature of dry serum in the vial and distilled water must be +20/+25°C. After adding distilled water, close the vial cap tightly and store at +25°C around 5-10 minutes.
4. Wait for 30 minutes for dissolving process and mix thoroughly by gently inverting the vial at regular intervals, do not shake. Avoid formation of bubbles or foam. Protect from light. It is recommended to use a rotational mixer for routine mixing procedures.
5. After reconstitution, the calibrator and control serums are usually divided into small quantities (150-250 microliters) into Eppendorf tubes or sample cups of the device and stored in the refrigerator for freezing process. For serums prepared in this way, it is absolutely necessary to leave the serum at +25°C for 30 minutes before dividing it into small quantities. Do not refreeze after the serum is frozen and thawed once.
6. Calibrator and control serum precipitation is faster than normal serum. In order for the first and last parts to be homogeneous and to avoid precipitation, perform the process as fast as possible during separation.
7. Alkaline phosphatase level increases during the wait after mixing. Therefore, the diluted or dissolved calibrator serum should be kept at +25°C for 1 hour before ALP measurement.
8. Bilirubins are stable in the dark, and if the serum is exposed to light, bilirubin activity decreases (Bilirubins are affected by light in powdered, frozen and thawed sera forms).
9. Bilirubins are stable in dark environment for 8 hours at +2/+8°C after dissolving.

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10. Bilirubin calibrator and control serums cannot be refrozen and cannot be stored at +15/+25°C.
11. After being dissolved, bicarbonate in the serum is stable for 8 hours in closed cap and 1 hour in open cap.
12. The quality of the distilled water to be used in the dilution of the calibrator serum is very important. There may be significant deviations in the values due to bacterial contamination.
13. It is necessary to be careful against infectious agents in calibrator serum measurements.

PREPARATION OF CALIBRATOR AND CONTROL

Lyophilized serum calibrator and control should be reconstituted by adding distilled or deionized water with the amount stated on the label. Close the vial and wait for 30 minutes. Dissolve the contents of the vial by swirling gently to avoid the formation of foam. Do not shake.

INDICATIONS OF INSTABILITY OR DETERIORATION

Presence of extreme turbidity or microbial growth may indicate deterioration.

PRECAUTIONS

Human source material. Treat as potentially infectious material. Each plasma donor used in the preparation of this product has been tested by an FDA-approved method and found negative for the presence of HIV 1/2 HBsAg, HCV, HIV-Ag antibodies. However, none of the known testing methods can offer complete assurance that the hepatitis B virus, Human Immunodeficiency Virus (HIV) or infectious agents are not present. All human-based products should be handled in accordance with Good Laboratory Practice (GLP) principles using appropriate precautions. Safety data sheets are available at www.beinquality.com.tr or you may contact your local representative.

WARNINGS

IVD: For in Vitro Diagnostic use only.
Do not use expired reagents.
Reagents with two different lot numbers should not be interchanged.
For professional use.
Follow Good Laboratory Practice (GLP) guidelines.
Contains sodium azide.

CAUTION: Human source samples are processed with this product. All human source samples must be treated as

potentially infectious materials and must be handled in accordance with OSHA standards.

Danger

H317 :May cause allergic skin reaction.

Precaution

P280 :Use protective gloves / clothes / glasses / mask.
P264 :Wash your hands properly after using.
P272 :Contaminated work clothes should not be allowed to be used outside of the workplace.

Intervention

P302+P352 :Wash with plenty of water and soap if it contacts with skin.
P333+P313 :Seek medical help if it irritates your skin or develops rash.
P362+P364 :Remove contaminated clothes and wash properly before using.

Disposal

P501 :Dispose the vials and contents according to the local regulations.

REFERENCES



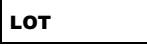
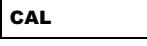

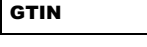
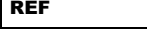

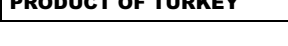






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TRADEMARKS

Beinquality Clinical Chemistry General Control and Calibrator are trademarks of BEINQUALITY Sağlık Sanayi ve Tic. A.Ş. in various jurisdictions.

**Beinquality Sağlık Sanayi ve Tic. A.Ş.**

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SYMBOLS	
	In Vitro Diagnostic Medical Device 
	Lot Number
	Calibrator
	Control
	Global Trade Item Number
	Reference Number
	Identifies Products to Be Used Together
	Product of Turkey
	Manufacturer
	Expiration Date
	Temperature Limits
	Consult Instructions for Use
	Caution
	Number of Tests

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