



# Product Catalogue 2024



# INDEX

FAQ (Frequently Asked Questions)	03
About Us	04
Our Services	05
SEROQAS - External Quality Control Programs	06 - 18
SEROCHECK - Internal Quality Control Programs	19 - 27

## FAQ (Frequently Asked Questions)

### ► Will my EQA programs I participate be accepted by the legal authorities?

SEROCON® is a competency testing provider registered in the Ministry of Health system with ISO17043 accreditation, in this context, all its programs are valid at the international level.

### ► I lost the report of my program I attended 2 years ago, what can I do for a special job?

SEROCON® PORTAL serves with "in house" software and all reports generated are stored on the active server for 5 years and as archive data for 10 years.

### ► I worked on the wrong sample this month and my evaluation scores are very bad, I worked again, can you give a new report?

An institution working in accordance with the TS EN ISO/IEC 17043 quality management system cannot make a second report after the reporting date for a reported cycle, which can be seen as a result of taking a known exam. SEROCON® guides you in such cases, what you need to do in your own laboratory is explained to you by the expert team, and the necessary documentation is provided for you to evaluate yourself.

### ► How are performance evaluations made?

Performance evaluations in SEROCON®, EQA programs are carried out according to the guidelines of TS EN ISO 13528 standard. For more detailed information, you can review our conversion protocol on our website.

### ► How do I enroll in programs?

You can contact us via our website and our team will contact you and guide you through the process.

### ► Can I use a single sample for more than one device in the same facility?

Yes, but the amount of sample sent and the amount of sample required for analysis should be carefully examined. You can contact us on our website to get more detailed information about such issues.

### ► There are titles such as general, method and method-device in my reports, what are they?

While the EQA programs you participate in are subjected to statistical evaluation, they are examined in 3 groups. General is the total pool of all results independent of method and device, allowing you to compare yourself with other device groups. The method is a subset of devices that use the same method, specifically allowing you to see your device performance within the group of methods you are involved in. The method-device (peer) is a group of the same participants as your own method and device and shows your own performance at the peer level.

### ► Which one should I consider in general, method and method-device groups?

It is the method-device (peer) group that shows your actual performance, other upper groups are presented for information purposes.

### ► Can I get information about different device groups in the reports?

In our reports, information about other device groups other than your peer group is presented at the bottom of the report.

### ► Can I start the programs in the semester?

Yes, you can. However, you will not have the chance to be included in the evaluations of the previous months, if the sample working period has not expired for the month in which the registration is made, if it has expired within that month, your evaluations for the next month will start.

### ► During the period, the tender was made and I changed the device, what should I do?

If you continue our programs after your device has changed, you can continue the system where you left off with your new device group by informing us. In the system, both the data of your old device and the current data of the newly added device are presented.

## About Us

SEROCON®, which started its corporate activities in 2017, started its scientific and commercial activities under the name SEROPARK® in 2012.

Established in Selcuk University Technopark, SEROPARK® started the production of "Internal Quality Control Material" based on the lyophilization of the whole blood/serum and plasma matrix of human origin, which has not yet been mass-produced in the country, with the "Lyophilization" technology it has based on its academic knowledge.

In order to solve the problems encountered in the procurement of biological materials required for production and R&D studies, significant efforts were made to provide a legal basis for the procedure of collecting biological materials for use in the production of Internal and External Quality Control Materials with the significant contribution and support of bureaucrats working within the Ministry of Health, Republic of Türkiye with the circular of the Republic of Türkiye Ministry of Health General Directorate of Health Services dated 28.10.2013 and numbered 2013/9 specifying the Procedures and Principles on Biological Material Supply Protocol from Public Institutions and Organizations Laboratories, a legal basis was established to be used in the production of Internal and External Quality Control Material.

After the developments in SEROPARK® company structuring in this period, SEROCON® R&D Biotechnology Health Chemistry Industry Trading Co started its scientific and commercial activities on 11.01.2017, taking past experience and experience as a basis, with the aim of protecting the existing knowledge and infrastructure and meeting the field demands.

SEROCON®, which quickly carried its internal structuring to the corporate ground, primarily aimed to produce "Domestic and Lyophilized External Quality Control Material" by enriching its technical infrastructure and personnel portfolio while continuing the production of "Internal Quality Control Material" uninterruptedly.

The necessary documentation procedure and registration rights were completely completed with the software infrastructure of SEROCON®, and TURKAK 17043 application was made in 2022 and completed as of April 11, 2023. With its TS EN ISO/IEC 17043 accreditation, SEROCON® continues to provide External (SEROQAS®) Quality Control Material services to all its stakeholders at home and abroad.

## Our services

---

### External Quality Control Programs



External Quality Control can be defined as a program in which multiple samples are periodically sent to the members of a group of laboratories for analysis and/or identification purposes through independent institutions or organizations. The results of each laboratory are compared with the results of other laboratories in the group and/or with an assigned value and reported to the participating laboratories and others. External quality control is a tool for laboratories to test its accuracy. A participating laboratory can compare the results in its own method and device with different methods and devices in other laboratories.

### Internal Quality Control Programs



Clinical laboratories play an important role up to 70% in the diagnosis of diseases. In order for the diagnostic results produced by laboratories to be accurate and precise, it is necessary to monitor the performance of the devices. For this purpose, "Internal Quality Control" samples should be run at certain intervals in order to monitor the precision and to prove that the devices work smoothly on a daily basis.

### Continuous Quality Assurance System



The SEROCON® DIQAS® program is a system where all laboratories worldwide using internal quality control materials can instantly track their results. As it is known, the results of the external quality controls are explained about 1 month after the sample is analyzed. Thus, the participating laboratory can retrospectively monitor any systematic errors related to the parameters it works with. With the SEROCON® DIQAS® program, it is aimed to detect errors instantly and to carry out corrective and preventive actions. From a point of view, it can actually be considered as an external quality control program that is constantly studied instantly. Participants will be able to monitor the values of the internal quality control materials they use from the system. They are given the chance to observe the values of that moment and the instantaneous performance of the participating laboratory in all laboratories using the same method and the same device. All statistical evaluations are calculated in the same way as the methods applied in the external quality control report. Thanks to this program, errors that may occur in the laboratory can be detected and corrected instantly.

## Quality Management System

---

SEROCON® TURKAK is a qualification test provider that has TS EN ISO/IEC 17043 accreditation and continues all its operations according to the requirements of this standard. To get more information about the accreditation details and our services, please visit our website ([www.serocon.com](http://www.serocon.com)) visit.



The background of the entire image is a blurred laboratory setting with various glassware and equipment. Overlaid on this are several semi-transparent hexagonal shapes, some of which contain icons: a molecular structure, a flask with bubbles, and a DNA double helix. A large, glowing blue circular graphic is also present. The logo 'SEROQAS' is prominently displayed in the upper center. The word 'SERO' is in white, bold, sans-serif font inside a teal rounded rectangle. The word 'QAS' is in a dark blue, bold, sans-serif font, partially enclosed by a dashed white line that forms a partial circle around it.

**SEROQAS**

**EXTERNAL QUALITY  
CONTROL PROGRAMS**

# How to use the catalogue

Lyophylized

#

Product Code

123

Program Code

AA-1

Cycle

Name

Program name

Examinations:

Material Source and Volume

Specimens:

1

2

3

4

5

6

7

8

9

10

11

12

✓

✓

✓

✓

Product Form

Rounds (Delivery Months)

\*Marked parameters are within the scope of accreditation.

Lyophilized

100

CC-4

Clinical Chemistry

**Specimens:**

Human serum samples, 3 mL each

**Examinations:**

Potassium\*, Sodium\*, Chloride\*, Total Protein\*, HDL-Cholesterol\*, LDL-Cholesterol, Total Bilirubin\*, ALP\*, Triglyceride\*, LDH\*, CK, Total Cholesterol\*, Iron, UIBC, TIBC, AST (SGOT)\*, ALT (SGPT)\*, Phosphorus, Uric Acid, Amylase, Magnesium, Direct Bilirubin, Lipase, Glucose\*, Albumin\*, Urea\*, GGT, Calcium\*, Creatinine\*

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

100

CC-12

Clinical Chemistry

**Specimens:**

Human serum samples, 3 mL each

**Examinations:**

Potassium\*, Sodium\*, Chloride\*, Total Protein\*, HDL-Cholesterol\*, LDL-Cholesterol, Total Bilirubin\*, ALP\*, Triglyceride\*, LDH\*, CK, Total Cholesterol\*, Iron, UIBC, TIBC, AST (SGOT)\*, ALT (SGPT)\*, Phosphorus, Uric Acid, Amylase, Magnesium, Direct Bilirubin, Lipase, Glucose\*, Albumin\*, Urea\*, GGT, Calcium\*, Creatinine\*

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Marked parameters are within the scope of accreditation.

Lyophilized

130

SPE-4

Serum Protein Electrophoresis

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

Albumin,  $\alpha$ 1,  $\alpha$ 2, Beta and Gamma Globulin Bands

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

150

PP-4

Plasma Proteins

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

ASO, CRP\*, Hs CRP, RF, IgA, IgM, IgG, IgE, C3, C4

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	



Lyophilized

150

PP-S4

**Specimens:**

Human serum samples, 1 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Plasma Proteins-S

**Examinations:**

IgG1, IgG2, IgG3, IgG4, Prealbumin, Alpha 1 Acid glycoprotein, Transferrin, Haptoglobin, Ceruloplasmin, C1 Esterase inhibitor, Alpha-1-antitrypsin, Alpha-2-macroglobulin, Apolipoprotein A1, Apolipoprotein A2, Free and Total Kappa, Free and Total Lambda, Beta-2-microglobulin, Cystatin C

Lyophilized

170

TDM-4

**Specimens:**

Human serum samples, 1 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Therapeutic Drug Monitoring

**Examinations:**

Digoxin, Phenytoin, Phenobarbital, Carbamazepine, Lithium, Salicylate, Theophylline, Valproic Acid, Vancomycin, Gentamicin

Lyophilized

350

CGL-4

**Specimens:**

Human plasma samples, 1 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Coagulation

**Examinations:**

PT\*, aPTT\*, Fibrinogen, INR

\*Marked parameters are within the scope of accreditation.

Lyophilized

350

CGL-S4

**Specimens:**

Human plasma samples, 1 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Coagulation-S

**Examinations:**

Lupus Anticoagulant, Protein-S, Protein-C, Factor II, Factor V, Factor VIII, Factor X, Factor IX, Factor XI, Factor XII, vWF, Activated Protein C Resistance, TT

Lyophilized

350

CGL-12

Coagulation

**Specimens:**

Human plasma samples, 1 mL each

**Examinations:**

PT\*, aPTT\*, Fibrinogen, INR

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Marked parameters are within the scope of accreditation.

Lyophilized

350

CGL-DDIM4

Coagulation-DDIM

**Specimens:**

Human plasma samples, 1 mL each

**Examinations:**

D-Dimer\*

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

350

CGL-DDIM12

Coagulation-DDIM

**Specimens:**

Human plasma samples, 1 mL each

**Examinations:**

D-Dimer\*

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Marked parameters are within the scope of accreditation.

Lyophilized

400

IMM-4

Immunoassay

**Specimens:**

Human serum samples, 5 mL each

**Examinations:**

Anti-TG, Anti-TPO, Ferritin\*, Folic Acid, FSH, Free T3\*, Free T4\*, hCG (Beta)\*, Estradiol, LH, Progesteron, Prolactin, TSH\*, Total Testosteron, Vitamin B12\*, 25-OH Vitamin D3, Insulin.

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

400

IMM-S4

**Specimens:**

Human serum samples, 5 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Immunoassay-5

**Examinations:**

17-OH progesteron, Kortizol, DHEA-SO<sub>4</sub>, Free Testosteron, Aldosteron, Calcitonin, SHBG, Anti-CCP, IGF-1, IGFBP3, Eritropoetin, C-Peptid, Growth Hormon, ACTH, Androstenedion, Renin, AMH

Lyophilized

400

IMM-12

**Specimens:**

Human serum samples, 5 mL each

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Immunoassay

**Examinations:**

Anti-TG, Anti-TPO, Ferritin\*, Folic Acid, FSH, Free T3\*, Free T4\*, hCG (Beta)\*, Estradiol, LH, Progesteron, Prolactin, TSH\*, Total Testosteron, Vitamin B12\*, 25-OH Vitamin D3, Insulin.

\*Marked parameters are within the scope of accreditation.

Lyophilized

400

IMM-PTH4

**Specimens:**

Human serum samples, 1 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Immunoassay-PTH

**Examinations:**

PTH

Lyophilized

400

IMM-PTH12

**Specimens:**

Human serum samples, 1 mL each

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Immunoassay-PTH

**Examinations:**

PTH

Lyophilized

450

TM-4

Tumor Marker

**Specimens:**

Human serum samples, 2 mL each

**Examinations:**

AFP, CEA\*, CA125, CA15-3, CA19-9, Total PSA\*, Free PSA

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

450

TM-12

Tumor Marker

**Specimens:**

Human serum samples, 2 mL each

**Examinations:**

AFP, CEA\*, CA125, CA15-3, CA19-9, Total PSA\*, Free PSA

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Marked parameters are within the scope of accreditation.

Lyophilized

470

PCT-4

Procalcitonin

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

Procalcitonin

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Lyophilized

500

GH-4

Diabetes

**Specimens:**

Human whole blood hemolysate samples, 1 mL each

**Examinations:**

HbA1c\*

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

500

GH-12

Diabetes

**Specimens:**

Human whole blood hemolysate samples, 1 mL each

**Examinations:**

HbA1c\*

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Marked parameters are within the scope of accreditation.

Lyophilized

530

ISD-4

Immunosuppressive Drug

**Specimens:**

Human whole blood hemolysate samples, 1 mL each

**Examinations:**

Tacrolimus, Cyclosporine, Sirolimus, Everolimus

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Lyophilized

540

TLS-4

Thalassemia

**Specimens:**

Human whole blood hemolysate samples, 1 mL each

**Examinations:**

Hemoglobin A2, Hemoglobin A0

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Lyophilized

540

TLS-12

Thalassemia

**Specimens:**

Human whole blood hemolysate samples, 1 mL each

**Examinations:**

Hemoglobin A2, Hemoglobin A0

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Lyophilized

700

CM-4

Cardiac Marker

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

Troponin I, Troponin T, CK-MB (Mass), High Sensitive Troponin I, High Sensitive Troponin T

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Lyophilized

700

CM-S4

Cardiac Marker-S

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

BNP, NT-ProBNP, Myoglobin

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Lyophilized

700

CM-12

Cardiac Marker

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

Troponin I, Troponin T, CK-MB (Mass), High Sensitive Troponin I, High Sensitive Troponin T

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Lyophilized

900

PS-4

Prenatal Screening

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

AFP, E3, BHCG, PAPP-A, Free Beta hCG, Inhibin-A

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

\*Marked parameters are within the scope of accreditation.

Liquid

160

EA-4

Ethanol, Ammonia

**Specimens:**

Ready-to-use solution, 1 mL each

**Examinations:**

Ethanol, Ammonia

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Liquid

160

EA-12

Ethanol, Ammonia

**Specimens:**

Ready-to-use solution, 1 mL each

**Examinations:**

Ethanol, Ammonia

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Liquid

200

UA-4

Urinalysis

**Specimens:**

Urine samples, 4 mL each

**Examinations:**

Glucose, Protein, Bilirubin, Urobilinogen, Nitrite, Ketone, pH, Erythrocyte, Leukocyte, Density

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Liquid

210

UC-4

Urine Chemistry

**Specimens:**

Urine samples, 1 mL each

**Examinations:**

Creatinine, Microprotein, Microalbumin, Calcium, Sodium, Potassium, Chloride, Urea, Uric acid, Glucose, Magnesium

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Liquid

220

US-4

**Specimens:**

Ready-to-use solution, 4 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Urine Sediment

**Examinations:**

Urine Microscopy (Erythrocyte, Leukocyte, Epithelium, Crystal)

Liquid

550

IH-4

**Specimens:**

Human Erythrocyte suspensions 2 ml each, plasma samples 1 ml each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Immunohematology

**Examinations:**

Forward Grouping (ABO), Reverse Grouping (ABO), Rh Factor, Cross Match, Direct Coombs, Indirect Coombs

Liquid

570

BG-4

**Specimens:**

Ready-to-use solution, 2.5 mL each

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	

Blood Gases

**Examinations:**

pCO<sub>2</sub>, pH, pO<sub>2</sub>, Calcium, Chloride, Glucose, Lactate, Potassium, Sodium

Liquid

570

BG-12

**Specimens:**

Ready-to-use solution, 2.5 mL each

1	2	3	4	5	6	7	8	9	10	11	12
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Blood Gases

**Examinations:**

pCO<sub>2</sub>, pH, pO<sub>2</sub>, Calcium, Chloride, Glucose, Lactate, Potassium, Sodium

Liquid

580

HM-4

Hematology

**Specimens:**

Human whole blood samples, 3 mL each

**Examinations:**

HCT, HGB, MCH, MCHC, MCV, MPV, PLT, RBC, PDW, WBC

1	2	3	4	5	6	7	8	9	10	11	12
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liquid

580

HM-12

Hematology

**Specimens:**

Human whole blood samples, 3 mL each

**Examinations:**

HCT, HGB, MCH, MCHC, MCV, MPV, PLT, RBC, PDW, WBC

1	2	3	4	5	6	7	8	9	10	11	12
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Liquid

590

ESR-4

Sedimentation

**Specimens:**

Human whole blood samples, 3 mL each

**Examinations:**

Erythrocyte sedimentation rate (ESR)

1	2	3	4	5	6	7	8	9	10	11	12
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liquid

600

VM-4

Viral Marker

**Specimens:**

Human serum samples, 1 mL each

**Examinations:**

HBsAg, HBsAb, Anti-HIV, Anti-HCV, HBeAg, Anti-Hbe  
Anti-HBC-Total, Anti-HBC IgM, Anti-Hav Total, Anti-Hav IgM,  
Syphilis (VDRL)

1	2	3	4	5	6	7	8	9	10	11	12
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liquid

680

TRC-4

TORCH Panel

Specimens:

Examinations:

Human serum samples, 1 mL each

Toxoplasmosis IgG-IgM, Rubella IgG-IgM, CMV IgG-IgM

1	2	3	4	5	6	7	8	9	10	11	12
	✓			✓			✓			✓	





# SERO✓CHECK

## INTERNAL QUALITY CONTROL PROGRAMS

## Biochemistry Control

- Provides a comprehensive range of clinical chemistry analytes for integrated and modular platforms.
- Lyophilized control available in two levels
- Human serum based
- 3-year shelf life at 2–8°C
- 5-day reconstituted stability at 2–8°C for most analytes
- 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
101	Level 1 12x3 ml



## Analytes

Potassium, Sodium, Chloride, Lithium, Total Protein, HDL-Cholesterol, LDL-Cholesterol, Total Bilirubin, ALP, Triglyceride, LDH, CK, Total Cholesterol, Iron, Unsaturated Iron Binding Capacity (UIBC), AST (SGOT), ALT (SGPT), Phosphorus, Uric Acid, Amylase, Magnesium, Direct Bilirubin, Lipase, Glucose, Albumin, Urea, GGT, Calcium, Creatinine

### Ordering Information

Cat#	Description
102	Level 2 12x3 ml



## Protein / Immunology Control

- Contains many serum proteins and related analytes
- Lyophilized, human serum based
- 3-year shelf life at 2–8°C
- 5-day reconstituted stability at 2–8°C
- 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
151	Level 1 12x1 ml



## Analytes

$\alpha$ -1-Acid Glycoprotein,  $\alpha$ -1-Antitrypsin,  $\alpha$ -2-Macroglobulin,  $\alpha$ -2-Microglobulin, Albumin, Antistreptolysin O (ASO), Ceruloplasmin, Complement C1q, Complement C3, Complement C4, CRP, Haptoglobin, Immunoglobulin A (IgA), Immunoglobulin E (IgE), Immunoglobulin G (IgG), Immunoglobulin M (IgM), Kappa Light Chain, Lambda Light Chain, Prealbumin, Retinol Binding Protein (RBP), Rheumatoid Factor, Transferrin

### Ordering Information

Cat#	Description
152	Level 2 12x1 ml



## Therapeutic Drug Monitoring Control

- ▶ Lyophilized
- ▶ For labs that run a high volume of serum therapeutic drug tests or prefer dedicated TDM controls
- ▶ Human serum-based control
- ▶ 3-year shelf life at 2–8°C
- ▶ 30-day reconstituted stability at 2–8°C
- ▶ 90-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
171	Level 1 12x1 ml



## Analytes

Digoxin, Phenytoin, Phenobarbital, Carbamazepine, Lithium, Theophylline, Valproic Acid, Vancomycin, Gentamicin, Salicylate

### Ordering Information

Cat#	Description
172	Level 2 12x1 ml



## Coagulation Control

- ▶ Extended open-vial stability reduces the cost of daily QC
- ▶ Lyophilized control available in two levels
- ▶ Three-year shelf life allows laboratories to save money by performing fewer crossover studies
- ▶ Human based
- ▶ 3-year shelf life at 2–8°C
- ▶ 3-day reconstituted stability at 2–8°C for most analytes
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
351	Level 1 12x1 ml



## Analytes

Activated Partial Thromboplastin Time (aPTT), Prothrombin Time (PT), Fibrinogen

### Ordering Information

Cat#	Description
352	Level 2 12x1 ml





## DDIM Control

- ▶ Extended open-vial stability reduces the cost of daily QC
- ▶ Lyophilized control available in two levels
- ▶ Human based
- ▶ 3-year shelf life at 2-8°C
- ▶ 3-day reconstituted stability at 2-8°C
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
361	Level 1 12x1 ml



## Analytes

D-Dimer

### Ordering Information

Cat#	Description
362	Level 2 12x1 ml



## Immunoassay Control

- ▶ Includes most common analytes with increasing clinical utilization
- ▶ Lyophilized control available in two levels
- ▶ Human serum based
- ▶ 3-year shelf life at 2-8°C
- ▶ 7-day reconstituted stability at 2-8°C for most analytes
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
401	Level 1 12x5 ml



## Analytes

Anti-TG, Anti-TPO, Ferritin, Folic Acid, FSH, Free T3, Free T4, hCG-β Subunit (Free), Estradiol, LH, Progesterone, Prolactin, TSH, Total Testosterone, Vitamin B12, 25-Hydroxy Vitamin D3, Insulin, 17-OH progesterone, Cortisol, Growth Hormone

### Ordering Information

Cat#	Description
402	Level 2 12x5 ml



## Vitamin D Control

- ▶ Lyophilized
- ▶ Human serum-based control
- ▶ 3-year shelf life at 2–8°C
- ▶ 3-day reconstituted stability at 2–8°C
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
411	Level 1 12x1 ml



## Analytes

25-Hydroxy Vitamin D3

### Ordering Information

Cat#	Description
412	Level 2 12x1 ml



## Parathormone Control

- ▶ Two levels PTH concentrations
- ▶ Provides a highly efficient solution for laboratories that focus on routine tests
- ▶ Lyophilized, human serum based
- ▶ 3-year shelf life at -20°C to -70°C
- ▶ 2-year shelf life at -15°C to -20°C
- ▶ 8-hour reconstituted stability at 2–8°C
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
421	Level 1 12x1 ml



## Analytes

PTH (Intact)

### Ordering Information

Cat#	Description
422	Level 2 12x1 ml





## Specific Immunoassay Control

- Offers a vast array of specific routine immunoassay analytes
- Provides a highly efficient solution for laboratories that focus on routine tests
- Lyophilized, human serum based
- 3-year shelf life at 2–8°C
- 5-day reconstituted stability at 2–8°C
- 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
451	Level 1 12x3 ml



## Analytes

AFP, CEA, CA-125, CA-15-3, CA-19-9, CA-72-4, Total PSA, Free PSA

### Ordering Information

Cat#	Description
452	Level 2 12x3 ml



## Procalcitonin Control

- Lyophilized control available in two levels
- Human serum based
- 3-year shelf life at 2–8°C
- 3-day reconstituted stability at 2–8°C
- 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
471	Level 1 12x1 ml



## Analytes

Procalcitonin

### Ordering Information

Cat#	Description
472	Level 2 12x1 ml



## Hypertension Markers Control

- Provides relevant values in monitoring precision for analytes specific to pituitary-adrenal axis disorders
- Lyophilized human serum based
- 3-year shelf life at -20°C to -70°C
- 2-year shelf life at -15°C to -20°C
- 8-hour reconstituted stability at 2-8°C

### Ordering Information

Cat#	Description
481	Level 1 12x1 ml



## Analytes

ACTH, ADH, Aldosterone, Cortisol, Renin

### Ordering Information

Cat#	Description
482	Level 2 12x1 ml



## Diabetes Control

- Designed to monitor the assay precision of Haemoglobin A1c associated with diabetes
- Lyophilized control available in two levels
- Human whole blood-based control
- 3-year shelf life at 2-8°C
- 7-day reconstituted stability at 2-8°C
- 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
501	Level 1 12x1 ml



## Analytes

Hemoglobin A1c

### Ordering Information

Cat#	Description
502	Level 2 12x1 ml



## Immunosuppressant Control

- ▶ Two levels ranging from low to high immunosuppressant concentrations
- ▶ Compatible with chromatography and most immunoassay methods.
- ▶ Lyophilized, human blood based
- ▶ 3-year shelf life at 2-8°C
- ▶ 14-day reconstituted stability at 2-8°C
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
531	Level 1 12x1 ml



## Analytes

Cyclosporine, Everolimus, Sirolimus, Tacrolimus

### Ordering Information

Cat#	Description
532	Level 2 12x1 ml



## Thalassemia Control

- ▶ Lyophilized
- ▶ Human whole blood-based control
- ▶ 2-year shelf life at 2-8°C
- ▶ 7-day reconstituted stability at 2-8°C
- ▶ 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
541	Level 1 12x1 ml



## Analytes

Hemoglobin A2, Hemoglobin F

### Ordering Information

Cat#	Description
542	Level 2 12x1 ml



## Cardiac Markers / STAT Control

- Designed to monitor precision of cardiac marker assays
- Lyophilized human serum based
- 3-year shelf life at 2–8°C
- 3-day reconstituted stability at 2–8°C for most analytes
- 30-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
701	Level 1 12x3 ml



## Analytes

Troponin I, Troponin T, High Sensitive Troponin I, High Sensitive Troponin T, CK-MB (mass), Myoglobin, BNP, NT-proBNP

### Ordering Information

Cat#	Description
702	Level 2 12x3 ml



## Prenatal Screening Control

- Designed to monitor the precision of immunoassay test methods used during maternal serum first trimester screening
- Includes clinically relevant levels of Free beta hCG and PAPP-A
- Lyophilized, human serum based
- 3-year shelf life at 2–8°C
- 15-day reconstituted stability at 2–8°C
- 90-day reconstituted stability at -20°C to -70°C

### Ordering Information

Cat#	Description
901	Level 1 12x1 ml



## Analytes

AFP, Inhibin-A, PAPP-A, hCG, Free Estriol, hCG-β Subunit (Free)

### Ordering Information

Cat#	Description
902	Level 2 12x1 ml







+90 ( 850) 303 66 44

info@serocon.com  
www.serocon.com

Fevzi akmak Mahallesi, 10739. Sokak  
No:16 - 42050 - Karatay / KONYA