

# SFRI

Medical Diagnostics



SFRI  
COMPATIBLE

SFRI COMPATIBLE BOCHEMISTRY REAGENTS

Adapted to every needs

# A COMPLETE Range of COMPATIBLE LIQUID reagents

SFRI manufactures a COMPLETE line of enzymes, substrates, specific proteins and electrolytes.

Of course **all semi-automatic analyzers accept SFRI's reagents** but also some automatic analyzers for which SFRI provide accurate and easy-to-understand application notice.  
Upon request, some other applications can also be given.

- ABBOTT C-series
- OLYMPUS AU-series
- BECKMAN COULTER Synchron CX-series
- BIOSYSTEM A-15 A-25
- KONELAB
- LISA 200-300
- MINDRAY BS200 - BS380 - BS400 - BS800
- DIRUI CS300 - CS400 - CS800 - T240
- PRESTIGE 24i
- TARGA BT-series
- COBAS
- ERBA XL200 - 300 - 640
- SIEMENS ARCHITECT
- SNIBE
- **HITACHI 704-717 911-912-917**



# EASY-TO-USE on SFRI semi-automatic analyzer, BSA 3000

SETTING THE TEST is simple as ABC.

Let's take a real example : GLUCOSE LR

1. Wavelength : 510 (500-550) nm
2. Temperature : 37°C
3. Optical path : 1 cm
4. Reaction : «end point»
5. Select the glucose test
6. Calibrate and control
7. Aspirate the sample
8. Wait for result



AND THAT'S IT !

Thanks to SFRI's pre-settings of many programs!

Gain time!

... or on any semi-automatic on the market

# BENEFITS of SFRI Reagents

## TIME SAVING



Liquid ready-to-use reagents reduce labour.

No preparation -> No pre-treatment, no reconstitution of tablets or powder. R1 and R2 already measured. NO MORE PIPETS.

## ECONOMICAL



No need to prepare a full house of reagent unlike with lyophilized reagent.

Open a bottle when you need it and manage your consumption and the expiry dates better.

No water needed -> Savings + No risk of bad quality demineralized water.

Excellent stability and quality limit costly re-runs

PACKAGING FITS LAB'S REAL NEED including small packaging for nich tests

## SAFER

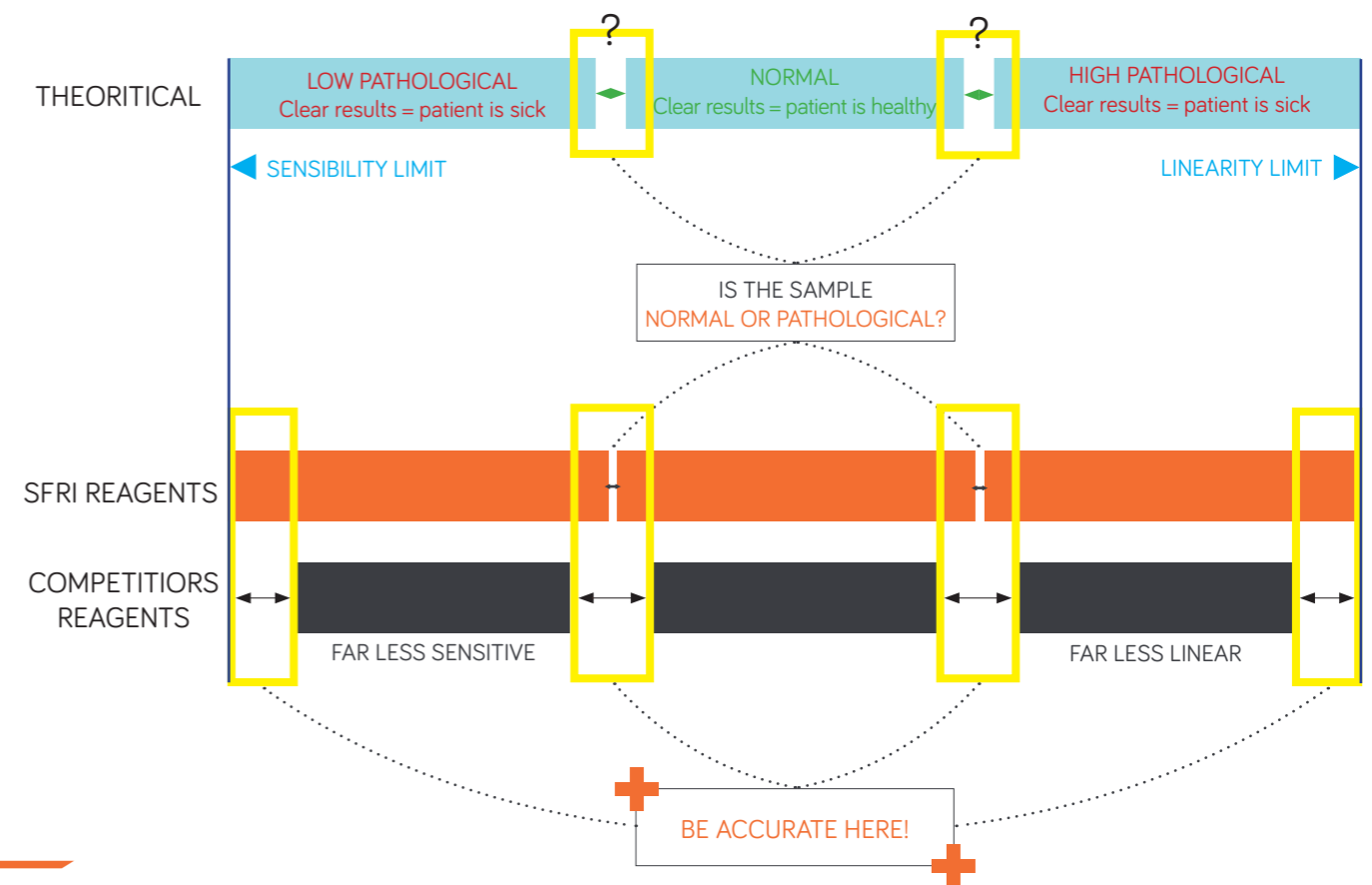


No risk with water.

No risk with preparation, treatment -> Manual work reduced to a minimum.

No error in working solution preparation. Avoid all reagent pollution & contamination.

# Biochemistry reagent MEASURING RANGE



# CONFIDENCE in your results

Because Health is what matters the most

## 1 HIGH SPECIFICITY

Accurate results. The patient is either ill or healthy ! KNOW it for sure.

## 2 HIGH SENSIBILITY

High sensibility > trust your results on low pathological results.

## 3 HIGH LINEARITY

SFRI reagents stay precise even on really high pathological results unlike «low cost» reagents which cannot be trustworthy on high concentration.

## 4 EXCELLENT CORRELATION

SFRI reagents offer an excellent correlation to original reagents.

## 5 STABILITY

SFRI stability studies showed that unopened bottles are stable more than 2 years! And opened bottles for more than 60 days!

## 6 CERTIFICATIONS

SFRI reagents are CE certified according to the 98/79/CE European Directive.

All batches are uniform in quality, stability and in linearity.

# A COMPREHENSIVE Biochemistry range for all labs

Electrolytes panel	Hepatic (liver profile)	Comprehensive metabolic panel	Basic metabolic panel	Lipid profile
Sodium (Na)	Albumine	Sodium (Na)	Sodium (Na)	Total Cholesterol
Potassium (K)	Total protein	Potassium (K)	Potassium (K)	LDL Cholesterol
Chloride (Cl)	Alkaline Phosphatase Alanine	Chloride (Cl)	Chloride (Cl)	HDL Cholesterol
Carbone Dioxide (CO <sub>2</sub> )	Aminotransferase (ALT)	Carbone Dioxide (CO <sub>2</sub> )	Carbone Dioxide (CO <sub>2</sub> )	Triglycerides
	Aspartate Aminotransferase (AST)	Glucose	Glucose	
	Total Bilirubin	Creatinine	Creatinine	
	Direct Bilirubin	Urea	Urea (BUN)*	
		Calcium		
		Total Protein		
		Albumine		
		Alanine Aminotransferase (ALT)	* BUN: Blood Urea Nitrogen	
		Aspartate Aminotransferase (AST)		
		Alkaline Phosphatase (ALP)		
		Total Bilirubin		

## UNIVERSAL REAGENTS RANGE

	Reference	Name	Packaging	Method
ELECTROLYTES	G11BIC001	Bicarbonate	5 x 20 mL + CAL 1 x 2 mL	Enzymatic
	G11CAL001	Calcium ASX	6 x 50 mL	Arsenazo III
	G11CAL002	Calcium ASX	6 x 100 mL	Arsenazo III
	G11CAC002	Calcium OCP	6 x 100 mL	O-Cresolphthalein complexone
	G11CAC001	Calcium OCP	6 x 50 mL	O-Cresolphthalein complexone
	G11CHL001	Chloride	6 x 30 mL	Mercurious thiocyanate
	G11CHL002	Chloride	6 x 50 mL	Mercurious thiocyanate
	G11FER003	Iron	R1 5 x 80 mL / R2 1 x 100 mL	Ferene
	G11FER001	Iron	R1 5 x 40 mL / R2 1 x 50 mL	Ferene
	G11FER002	Iron	R1 6 x 40 mL + R2 6 x 10 mL	Ferene
	G11MAG002	Magnesium	6 x 50 mL	Xylidiyl Blue
	G11MAG001	Magnesium	6 x 30 mL	Xylidiyl Blue
	G11PHO001	Phosphorous	6 x 50 mL	Blue molybdate
ENZYMES	G11PAL001	ALP	R1 5 x 40 mL / R2 1 x 50 mL	DEA DGKC
	G11PAL002	ALP	R1 6 x 40 mL + R2 6 x 10 mL	DEA DGKC
	G11GPT002	ALT-GPT	R1 5 x 80 mL / R2 1 x 100 mL	Kinetic UV Optimized IFCC
	G11GPT001	ALT-GPT	R1 5 x 40 mL / R2 1 x 50 mL	Kinetic UV Optimized IFCC
	G11AMY001	Amylase	10 x 10 mL	CNPG3
	G11AMY002	Amylase	4 x 30 mL	CNPG3
	G11GOT002	AST-GOT	R1 5 x 80 mL / R2 1 x 100 mL	Kinetic UV Optimized IFCC
	G11GOT001	AST-GOT	R1 5 x 40 mL / R2 1 x 50 mL	Kinetic UV Optimized IFCC
	G11CHS001	Cholinesterase	R1 4 x 24 mL / R2 1 x 24 mL	Hexacyanoferrate III
	G11CKM001	CK MB	R1 1 x 24 mL + R2 1 x 6 mL	Enzymatic
	G11CPK002	CK NAC	R1 5 x 40 mL / R2 1 x 50 mL	Kinetic UV Optimized IFCC
	G11CPK001	CK NAC	R1 4x 24 mL / R2 1 x 24 mL	Kinetic UV Optimized IFCC
	G11GGT001	G-GT	R1 5 x 40 mL / R2 1 x 50 mL	SZASZ
G11GGT002	G-GT	R1 6 x 40 mL + R2 6 x 10 mL	SZASZ	
G11LDH002	LDH	R1 5 x 40 mL / R2 1 x 50 mL	Kinetic Optimized SCE	
G11LDH001	LDH	R1 4 x 24 mL / R2 1 x 24 mL	Kinetic Optimized SCE	
G11LIP001	LIPASE	R1 4 x 10 mL + R2 1 x 8 mL + STD 1 x 1 mL	Colorimetric	
G11PAM001	Pancreatic amylase	R1 1 x 40 mL + R2 1 x 10 mL	EPS	

## More universal reagents

	Reference	Name	Packaging	Method
SPECIFIC PROTEINS	G11APA001	APO A1	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11APB001	APO B	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11ASL001	ASO	R1 1 x 40 mL + R2 1 x 10 mL + CAL 1 x 1 mL	Turbidimetric
	G11BMI001	β2 Microglobulin	R1 1 x 45 mL + R2 1 x 5 mL	Turbidimetric
	G11CRP001	CRP	R1 1 x 40 mL + R2 1 x 10 mL + STD 1 x 1 mL	Turbidimetric
	G11CC3001	C3	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11CC4001	C4	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11FIN001	Ferritin	R1 2 x 50 mL + R2 3 x 7 mL	Turbidimetric
	G11IGA001	IgA	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11IGE001	IgE	R1 1 x 20 mL + R2 1 x 10 mL	Turbidimetric
	G11IGG001	IgG	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11IGM001	IgM	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric
	G11LPA001	LP (A)	R1 1 x 20 mL + R2 1 x 4 mL	Turbidimetric
G11MIC001	MicroAlbumin	R1 1 x 40 mL + R2 1 x 10 mL + STD 1 x 1 mL	Turbidimetric	
G11RHF001	RF	R1 1 x 80 mL + R2 1 x 20 mL + CAL 1 x 1 mL	Turbidimetric	
G11TRF001	Transferrin	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
SUBSTRATES	G11ALB002	Albumin	6 x 100 mL	BCG Bromocresol
	G11ALB001	Albumin	6x 50 mL	BCG Bromocresol
	G11BIA001	Bile acids	R1 1 x 30 mL + R2 1 x 10 mL + CAL 1 x 2 mL	Enzymatic
	G11CHO001	Cholesterol	6 x 100 mL	CHOD-PAP
	G11CRE002	Creatinine	R1 3 x 100 mL / R2 3 x 100 mL	JAFFÉ
	G11CRE001	Creatinine	R1 3 x 50 mL / R2 3 x 50 mL	JAFFÉ
	G11BID002	D Bilirubin	R1 5 x 80 mL / R2 1 x 100 mL	Jendrassik Grof Modified
	G11BID001	D Bilirubin	R1 5 x 40 mL / R2 1 x 50 mL	Jendrassik Grof Modified
	G11FRU001	Fructosamin	R1 6 x 30 mL	NBT
	G11GLU001	Glucose	6 x 100 mL	GOD-POD
	G11HDL001	HDL Cholesterol	R1 1 x 60 mL / R2 1 x 20 mL	Clearance
	G11LAC001	Lactate	5 x 10 mL LYO + 1 x 55 mL BUFFER + STD 5 mL	Enzymatic LO-POD
	G11LDL001	LDL Direct Cholesterol	R1 1 x 60 mL / R2 1 x 20 mL	Clearance
	G11BIT002	T Bilirubin	R1 5 x 80 mL / R2 1 x 100 mL	Jendrassik Grof Modified
	G11BIT001	T Bilirubin	R1 5 x 40 mL / R2 1 x 50 mL	Jendrassik Grof Modified
	G11PRT002	Total Proteins	6 x 100 mL	Biuret
	G11PRT001	Total Proteins	6 x 50 mL	Biuret
	G11TRG001	Triglycerides	6 x 50 mL	GPO-PAP
G11TRG002	Triglycerides	6 x 100 mL	GPO-PAP	
G11URE002	BUN - Urea	R1 5 x 80 mL / R2 1 x 100 mL	Urease-GLDH	
G11URE001	BUN - Urea	R1 5 x 40 mL / R2 1 x 50 mL	Urease-GLDH	
G11ACM001	Uric Acid mono	6 x 50 mL	POD-PAP	
G11ACM002	Uric Acid mono	6 x 100 mL	POD-PAP	
G11PTU001	Urinary proteins	6 x 30 mL + STD	Pyrogallol Red	
G11PTU002	Urinary proteins	6 x 50 mL + STD	Pyrogallol Red	

## HITACHI COMPATIBLE REAGENTS RANGE

	Reference	Name	Packaging	Method	
ELECTROLYTES	G12CAL001	Calcium ASX	9 x 70 mL	Arsenazo III	
	G12CAL002	Calcium ASX	12 x 20 mL	Arsenazo III	
	G12CHL001	Chloride	10 x 20 mL	Mercurious thiocyanate	
	G12FER001	Iron	R1 6 x 40 mL+ R2 6 x 10 mL	Ferene	
	G12FER002	Iron	R1 8 x 63 mL + R2 2 x 73 mL	Ferene	
	G12MAG001	Magnesium	12 x 20 mL	Xylidiyl Blue	
	G12PH001	Phosphorous	12 x 20 mL	Blue molybdate	
ENZYMES	G12PAL001	ALP	R1 6 x 59 mL + R2 6 x 17 mL	DEA DGKC	
	G12PAL002	ALP	R1 8 x 63 mL + R2 2 x 73 mL	DEA DGKC	
	G12GPT001	ALT-GPT	R1 6 x 59 mL + R2 6 x 17 mL	Kinetic UV Optimized IFCC	
	G12GPT002	ALT-GPT	R1 8 x 63 mL + R2 2 x 73 mL	Kinetic UV Optimized IFCC	
	G12AMY001	Amylase	12 x 21 mL	CNPG3	
	G12GOT001	AST-GOT	R1 6 x 59 mL + R2 6 x 17 mL	Kinetic UV Optimized IFCC	
	G12GOT002	AST-GOT	R1 8 x 73 mL R2 2 x 73 mL	Kinetic UV Optimized IFCC	
	G12CHS001	Cholinesterase	R1 6 x 40 mL + R2 6 x 12 mL	Hexacyanoferrate III	
	G12CHS002	Cholinesterase	R1 6 x 20 mL + R2 3 x 11 mL	Hexacyanoferrate III	
	G12CHS003	Cholinesterase	R1 8 x 63 mL + R2 2 x 73 mL	Hexacyanoferrate III	
	G12CKM001	CK MB	R1 x 40 mL + R2 1 x 10 mL	Enzymatic	
	G12CPK001	CK NAC	R1 6 x 40 mL + R2 6 x 12 mL	Kinetic UV Optimized IFCC	
	G12CPK002	CK NAC	R1 6 x 20 mL + R2 3 x 11 mL	Kinetic UV Optimized IFCC	
	G12CPK003	CK NAC	R1 8 x 73 mL R2 2 x 73 mL	Kinetic UV Optimized IFCC	
	G12GGT001	G-GT	R1 6 x 59 mL + R2 6 x 17 mL	SZASZ	
	G12GGT002	G-GT	R1 8 x 73 mL R2 2 x 73 mL	SZASZ	
	G12LDH001	LDH	R1 6 x 40 mL + R2 6 x 12 mL	Kinetic Optimized SCE	
	G12LDH002	LDH	R1 6 x 20 mL + R2 3 x 11 mL	Kinetic Optimized SCE	
	G12LIP001	Lipase	R1 1 x 40 mL + R2 1 x 8 mL + STD 1 x 1 mL	Colorimetric	
	SPECIFIC PROTEINS	G12ASL001	ASO	R1 1 x 56 mL + R2 1 x 19 mL + STD 1 mL	Turbidimetric
G12BMI001		β2 Microglobulin	R1 1 x 45 mL + R2 1 x 5 mL + CAL 1 x 1 mL	Turbidimetric	
G12CC3001		C3	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12CC4001		C4	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12CRP001		CRP	R1 2 x 56 mL + R2 2 x 19 mL + STD 1mL	Turbidimetric	
G12CRP002		CRP	R1 1 x 56 mL + R2 1 x 19 mL + CAL 1 mL	Turbidimetric	
G12FIN001		Ferritin	R1 2 x 50 mL + R2 3 x 7 mL	Turbidimetric	
G12IGA001		IgA	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12IGE001		IgE	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12IGG001		IgG	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12IGM001		IgM	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12LPA001		LP (A)	R1 1 x 20 mL + R2 1 x 4 mL	Turbidimetric	
G12MIC001		MicroAlbumin	R1 1 x 40 mL + R2 1 x 10 mL + CAL 1 x 1 mL	Turbidimetric	
G12RHF001		RF	R1 1 x 56 mL + R2 1 x 19 mL + CAL 1 mL	Turbidimetric	
G12RHF002		RF	R1 2 x 56 mL + R2 2 x 19 mL + CAL 1mL	Turbidimetric	
G12TRF001		Transferrin	R1 1 x 40 mL + R2 1 x 10 mL	Turbidimetric	
G12ALB001		Albumin	12 x 21 mL	BCG Bromocresol	
SUBSTRATS		G12BIA001	Bile acids	R1 1 x 28 mL + R2 1 x 12 mL + CAL 1 x 2 mL	Enzymatic
		G12CHO001	Cholesterol	9 x 70 mL	CHOD-PAP
		G12CRE001	Creatinine	R1 6 x 20 mL R2 6 x 20 mL	JAFFÉ

## More Hitachi compatible reagents

	Reference	Name	Packaging	Method
SUBSTRATS	G12CRE002	Creatinine	R1 4 x 70 mL + R2 4 x 70 mL	JAFFÉ
	G12BID001	D Bilirubin	R1 6 x 40 mL + R2 6 x 10 mL	Jendrassik Grof Modified
	G12BID002	D Bilirubin	R1 8 x 63 mL + R2 2 x 73 mL	Jendrassik Grof Modified
	G12FRU001	Fructosamin	10 x 21 mL	NBT
	G12GLU001	Glucose	9 x 70 mL	GOD-POD
	G12HDL001	HDL Cholesterol	R1 2 x 60 mL + R2 2 x 22 mL	Clearance
	G12HDL002	HDL Cholesterol	R1 3 x 68 mL + R2 2 x 39 mL	Clearance
	G12LAC001	Lactate	R1 3 x 10 mL + R2 3 x 10 (LYO)	Enzymatic LO-POD
	G12LDL001	LDL Direct Cholesterol	R1 1 x 30 mL + R2 1 x 11 mL	Clearance
	G12LDL002	LDL Direct Cholesterol	R1 1 x 59 mL + R2 1 x 22 mL	Clearance
	G12BIT001	T Bilirubin	R1 6 x 40 mL + R2 6 x 10 mL	Jendrassik Grof Modified
	G12BIT002	T Bilirubin	R1 8 x 63 mL + R2 2 x 73 mL	Jendrassik Grof Modified
	G12PRT001	Total Proteins	9 x 70 mL	Biuret
	G12TRG001	Tryglicerides	9 x 70 mL	GPO-PAP
	G12URE001	BUN - Urea	R1 6 x 59 mL + R2 6 x 17 mL	Urease-GLDH
	G12URE002	BUN - Urea	R1 8 x 63 mL + R2 2 x 73 mL	Urease-GLDH
	G12ACM001	Uric Acid	R1 6 x 59 mL + R2 6 x 17 mL	POD-PAP
	G12PTU001	Urinary proteins	R1 12 x 20 mL + STD 5 mL	Pyrogallol Red

## CONTROLS & CALIBRATORS

	Reference	Name	Packaging	Use	
CALIBRATORS	G13CAL001	Multical	6 x 3 mL	Substrates & electrolytes	
	G13CAL002	HDL LDL calibrator	3 x 1 mL	HDL & LDL cholesterol	
	G13CAL003	CK MB calibrator	1 x 2 mL	CK MB	
	G13CAL004	Microalbumin calibrator	1 x 1 mL	Microalbumin	
	G13CAL006	APO A1 & B calibrator	1 x 1 mL	APO	
	G13CAL007	LP(a) calibrator	1 x 2 mL	LP(a)	
	G13CAL008	Ferritin calibrator	4 x 1 mL	Ferritin	
	G13CAL010	Fructosamine calibrator	1 x 1 mL	Fructosamine	
	G13CAL011	IgE calibrator	1 x 2 mL	IgE	
	G13CAL013	Serum proteins calibrator	1 x 2 mL	Serum proteins	
	CONTROLS	G13CTL001	Multitrol normal	6 x 5 mL	Substrates & electrolytes
		G13CTL002	Multitrol patho	6 x 5 mL	Substrates & electrolytes
		G13CTL003	CK MB control	1 x 2 mL	CK MB
G13CTL004		Microalbumin control	1 x 2 mL	Microalbumin	
G13CTL005		Urinary proteins control	2 x 10 mL	Urinary proteins	
G13CTL006		ASO CRP RF control N	6 x 1 mL	ASO CRP	
G13CTL007		ASO CRP RF control H LYO	6 x 1 mL	ASO CRP	
G13CTL008		Lipidic control set	3 x 3 mL	HDL & LDL Cholesterol	
G13CTL010		Fructosamine control	2 x 1 mL	Fructosamine	
G13CTL011		IgE control	1 x 2 mL	IgE control	
G13CTL012		Ferritin control set	2 x 3 mL	Ferritin control set	
G13CTL013		Serum proteins control	1 x 2 mL	Serum proteins control	
G13CTL016		LP(A) control	1 x 2 mL	LP(A) control	

# SFRI

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Your Local Distributor:



SFRI

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