



CLINICAL CHEMISTRY



BIOCHEMISTRY REAGENTS

Routine tests

Special tests

INSTRUMENTS

BTS350

Ax5 systems

BA systems





BIOCHEMISTRY TESTS

Strong points



- ✓ **Wide range of available tests (>90 tests)**
- ✓ **Ready to use liquid reagents**
- ✓ **Manual and dedicated reagents**
- ✓ **Best methodology available**
- ✓ **High quality and completely validated reagents**





BioSystems

BIOCHEMISTRY REAGENTS

Biochemistry reagents

Test	Code	BA	RB	mL/Kt	Comments
α1-ACID GLYCOPROTEIN <i>Immunoturbidimetric assay</i>	31928	1x 50 mL	-	50	
	23107	1x 60 mL	1x 15 mL	75	
α-AMYLASE DIRECT <i>Difco Substrate</i>	11583	5x 5 mL	-	25	
	11560	6x 25 mL	-	150	
	12560	5x 20 mL	-	100	
	21550	8x 20 mL	-	80	
	23550	4x 20 mL	-	80	
α-AMYLASE- EPS <i>IFCC</i>	11534	1x 32 mL	1x 8 mL	40	WR
	21534	2x 60 mL	2x 15 mL	150	
	11799	1x 20 mL	1x 5 mL	25	
α-AMYLASE PANCREATIC <i>IFCC</i>	12799	1x 40 mL	1x 10 mL	50	
	21799	2x 60 mL	2x 15 mL	150	
ACID PHOSPHATASE (ACP) <i>SFBC</i>	11548	4x 10 mL	1upplized	40	WR
	11548	2x 10 mL	1upplized	20	WR
ADENSINE DEAMINASE (ADA) <i>Adenosine-Gluamare Dihydrogenase</i>	12754	4x 8 mL	1x 10 mL	40	WR
	21533	4x 60 mL	4x 15 mL	300	
ALANINE AMINOTRANSFERASE (ALT/GPT) <i>IFCC</i>	11832	1x 40 mL	1x 10 mL	50	WR
	11533	1x 60 mL	1x 40 mL	200	WR
	11569	1x 400 mL	1x 100 mL	500	WR
	11562	1x 800 mL	1x 200 mL	600	WR
	12535	5x 40 mL	5x 10 mL	250	WR
ALBUMIN (MICROALBUMINURIA) <i>Immunoturbidimetric laex assay</i>	21533	8x 60 mL	8x 15 mL	600	
	23533	4x 60 mL	4x 15 mL	300	
ALBUMIN <i>Bromocresol Green</i>	11573	1x 250 mL	-	250	Std Inc
	11547	2x 250 mL	-	500	Std Inc
	12547	5x 50 mL	-	250	
	21547	10x 60 mL	-	600	
	23547	4x 60 mL	-	240	
ALBUMIN (MICROALBUMINURIA) <i>Immunoturbidimetric laex assay</i>	31324	1x 16 mL	1x 4 mL	20	WR
	31924	1x 40 mL	1x 10 mL	50	WR
	11324	1x 40 mL	1x 10 mL	50	WR
	22324	4x 60 mL	4x 15 mL	300	WR
	23324	1x 60 mL	1x 15 mL	75	

Test	Code	BA	RB	mL/Kt	Comments
ALKALINE PHOSPHATASE (ALP)-AMP <i>AMP Buffer /IFCC</i>	11592	1x 40 mL	1x 10 mL	50	WR
	11593	1x 160 mL	1x 40 mL	200	WR
	11598	4x 100 mL	2x 50 mL	500	WR
	21518	5x 35 mL	2x 10 mL	100	WR
	21592	4x 60 mL	4x 15 mL	300	
ALKALINE PHOSPHATASE (ALP)-DEA <i>DEA Buffer</i>	23592	1x 60 mL	1x 15 mL	75	
	11590	1x 40 mL	1x 10 mL	50	WR
AMMONIA <i>Glucumase Dehydrogenase</i>	12532	1x 20 mL	1x 7 mL	27	RA
	23532	1x 20 mL	1x 7 mL	27	RA
	11597	4x 40 mL	4x 10 mL	200	WR
	11597	4x 100 mL	2x 50 mL	500	WR
	12514	5x 16 mL	2x 10 mL	100	WR
ANGIOTENSIN CONVERTING ENZYME (ACE) <i>FAP66</i>	21590	4x 60 mL	4x 15 mL	300	
	23590	1x 60 mL	1x 15 mL	75	
ANTI-STREPTOLYSIN O (ASO) <i>Immunoturbidimetric laex assay</i>	12796	1x 50 mL	-	50	
	21796	2x 60 mL	-	120	
	31323	1x 16 mL	1x 4 mL	20	WR
ANTITHROMBIN III <i>Immunoturbidimetric assay</i>	31923	1x 40 mL	1x 10 mL	50	WR
	31023	2x 160 mL	2x 40 mL	400	WR
	13023	1x 40 mL	1x 10 mL	50	WR
	22023	2x 60 mL	2x 15 mL	150	
	23023	1x 60 mL	1x 15 mL	75	
APOLIPOPROTEIN A-1 (APO A-1) <i>Immunoturbidimetric assay</i>	31936	1x 40 mL	1x 10 mL	50	
	13936	1x 40 mL	1x 10 mL	50	
	22936	2x 60 mL	2x 15 mL	150	
	23936	1x 60 mL	1x 15 mL	75	
APOLIPOPROTEIN B (APO B) <i>Immunoturbidimetric assay</i>	31098	1x 40 mL	1x 10 mL	50	
	23098	1x 60 mL	1x 15 mL	75	
ASPARTATE AMINOTRANSFERASE (AST/GOT) <i>IFCC</i>	11830	1x 40 mL	1x 10 mL	50	WR
	11531	1x 160 mL	1x 40 mL	200	WR
	11567	1x 400 mL	1x 100 mL	500	WR
	11561	1x 800 mL	1x 200 mL	1000	WR
	12531	5x 40 mL	5x 10 mL	250	WR
ASPARTATE AMINOTRANSFERASE (AST/GOT) <i>IFCC</i>	21531	8x 60 mL	8x 15 mL	600	
	23531	4x 60 mL	4x 15 mL	300	



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SPECIAL BIOCHEMISTRY TESTS

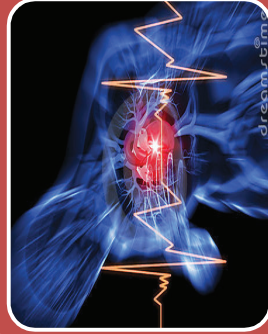
Biosystems S.A., as a leading manufacturer of reagents and instruments world-wide is also actively expanding into this special/esoteric tests area with a number of reagents that have been clinically accepted as valuable markers or monitors of several disease states. BioSystems Special test kits are...

- ✓ Designed to provide reliable and accurate results for these special tests
- ✓ All reagents have been validated in different samples types and in all Biosystems analyzers
- ✓ We offer standards/calibrators and QC material for all BioSystems tests
- ✓ Reagents with an optimal shelf-life and several presentations to adjust customer needs
- ✓ Biosystems' special tests portfolio increase according to our customers needs
- ✓ Biosystems has several special tests panel (Cardiac, Hepatic, Immune, Renal, Fertility, etc.)



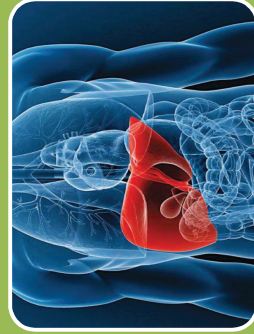
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SPECIAL BIOCHEMISTRY TESTS



CARDIAC

- ✓ ACE
- ✓ ApoA1
- ✓ ApoB
- ✓ Homocysteine
- ✓ CK
- ✓ CK-MB
- ✓ CRP-HS



HEPATIC

- ✓ Ethanol
- ✓ Total Bile Acids
- ✓ Cholinesterase
- ✓ Prealbumin
- ✓ Ammonia



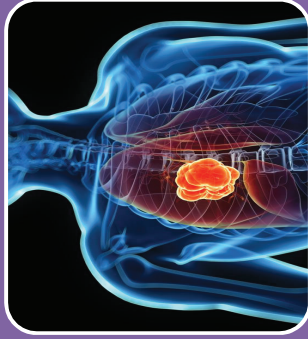
IMMUNE STATUS

- ✓ ADA
- ✓ α 1 Acid Glicoprotein
- ✓ C3 complement
- ✓ C4 complement
- ✓ Carbon dioxide
- ✓ Lactate
- ✓ IgA
- ✓ IgG
- ✓ IgM
- ✓ B2 microglobulin



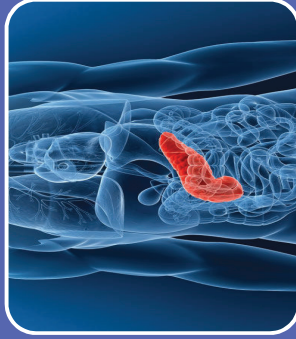
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SPECIAL BIOCHEMISTRY TESTS



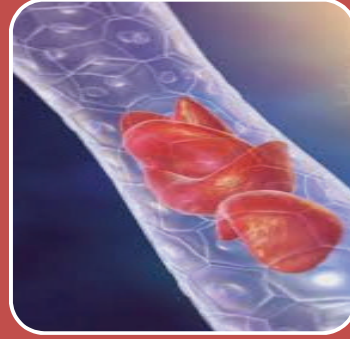
TUMORAL

- ✓ Kappa chain
- ✓ Lambda chains
- ✓ B2 microglobulin
- ✓ Acid phosphatase
- ✓ Fecal Occult Blood (iFOB)



DIABETES

- ✓ HbA1c
- ✓ Microalbumin (MAU)
- ✓ Fructosamine
- ✓ β - Hydroxybutyrate



ANEMIA

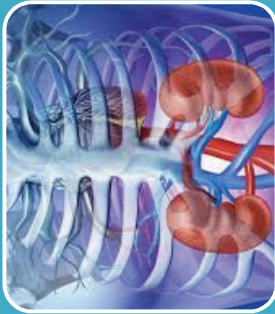
- ✓ Ferritin
- ✓ Glucose 6 Phosphate Desdrogenase (G6PDH)
- ✓ Transferrin
- ✓ Total Iron Binding Capacity (TIBC)
- ✓ Unsaturated iron Binding Capacity (UIBC)





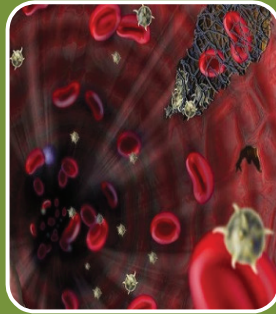
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SPECIAL BIOCHEMISTRY TESTS



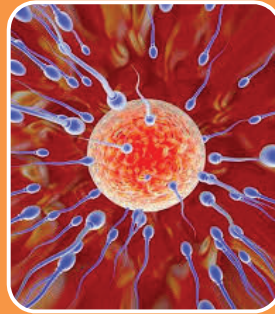
RENAL

- ✓ Citrate
- ✓ Oxalate
- ✓ B2- Micro
- ✓ Microalbumin



HEMOSTASIS

- ✓ Antithrombin
- ✓ Fibrinogen
- ✓ D-Dimer



FERTILITY

- ✓ Citrate
- ✓ Fructose
- ✓ α -Glucosidase
- ✓ Zinc



The best choice
for renal stone diagnosis



- Tests for hyperoxaluria and hypocitraturia diagnostics
- Biomarkers for urinary stones risk factor
- Excellent reagent stability
- Adaptable on any clinical chemistry analyzer



BioSystems

A15



- **Random access analyzer**
- **Throughput of 150 t/h**
- **Maximum flexibility**
- **Dedicated reagents**
- **Continuous sample loading (STAT samples)**
- **Low maintenance**
- **Cooling systems (optional)**



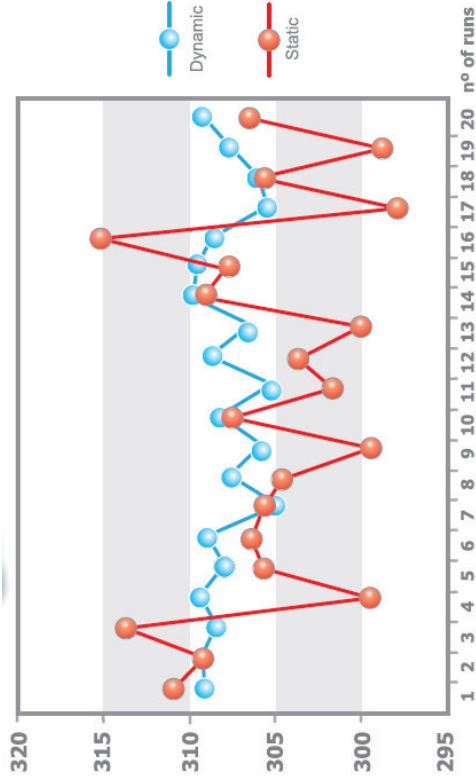
- **Benchtop Clinical Chemistry analyzer**
- **Real throughput of 200 tests/hour**
- **Dynamic Baseline LED technology**
- **High reagent and sample capacity (88 positions)**
- **Barcoded dedicated reagents**
- **Compact system with low maintenance**





- **Dynamic Baseline LED technology**

New more precise measurement algorithm for cuvette blanking allows better trueness in samples of low concentration with an improvement in precision.





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BA200



BA 400 LED TECHNOLOGY STIRRER & WASHING

13 PHOTOMETRIC READINGS

Led Technology TOP 4 ADVANTAGES

Stable photometric readings

Double beam design using 2 high accuracy silicon photodiodes.

Led Technology TOP 4 ADVANTAGES

Broad range and precise photometric system

Photometric range up to 3.5 Abs
Measurement resolution of 0.0001 Abs.

Led Technology

OPTICAL SYSTEM BASED ON LED TECHNOLOGY

THAT ASSURES UNLIMITED LIFETIME, AVOIDING LAMP REPLACEMENT

AND IMPROVING STABILITY



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