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# ADVIA Chemistry Systems

## Global Test Menu

The Siemens Healthcare Diagnostics family of chemistry systems, reagents, and reagent applications offers efficiency, reliability and accuracy, enabling true workstation consolidation to minimize costs and optimize productivity.

**The ADVIA 1800 Clinical Chemistry System** pushes the limit of productivity. Its extensive menu allows integration of testing for clinical chemistry, drugs-of-abuse, therapeutic drug monitoring (TDM), and specific proteins like Cystatin C and CardioPhase® hsCRP. The ADVIA® 1800 Clinical Chemistry System offers:

- Throughput of 1,800 tests per hour provides speed to keep pace with workload peaks
- 200 basic metabolic panels per hour to meet ever-tightening turnaround-time demands



**The ADVIA 2400 Clinical Chemistry System** manages the most demanding workloads and meets decreasing turnaround-time (TAT) goals. Its menu includes tests for drugs-of-abuse, therapeutic drugs (TDM), and specific proteins, such as Cystatin C and CardioPhase hsCRP. The ADVIA 2400 Clinical Chemistry System offers:

- High throughput of up to 2,400 tests/hour (1,800 photometric and 600 ISE) to manage the heaviest workloads
- Rapid, consistent 2-second cycle time to maximize tube release and test throughput
- User-defined automatic repeat, dilution, and reflex testing support increasing productivity targets



**Answers for life.**

# ADVIA Chemistry System

## Global Test Menu

Diabetes	General Chemistry	Specific Proteins	Therapeutic Drug Monitoring (TDM)
<ul style="list-style-type: none"> <li>• Hemoglobin A1c</li> <li>• Microalbumin</li> </ul>	<ul style="list-style-type: none"> <li>• <sup>a</sup> Calcium (CPC)</li> <li>• <sup>a</sup> Carbon Dioxide, Enzymatic</li> <li>• Chloride (ISE)</li> <li>• <sup>a</sup> Cholesterol</li> <li>• Cholinesterase</li> <li>• Creatine Kinase</li> <li>• <sup>a</sup> Creatinine</li> <li>• Creatinine, Enzymatic</li> <li>• Fructosamine</li> <li>• Gamma-Glutamyltransferase (GGT)</li> <li>• <sup>a</sup> Glucose (Hexokinase)</li> <li>• <sup>a</sup> Glucose (Oxidase)</li> <li>• HDL Cholesterol</li> <li>• Iron</li> <li>• Lactate</li> <li>• Lactate Dehydrogenase (L-P)</li> <li>• Lactate Dehydrogenase (P-L)</li> <li>• LDL Cholesterol</li> <li>• Lipase</li> <li>• <sup>a</sup> Magnesium</li> <li>• Pancreatic Amylase</li> <li>• <sup>a</sup> Phosphorus</li> <li>• Potassium</li> <li>• Sodium</li> <li>• Total Iron Binding Capacity (TIBC)</li> <li>• <sup>a</sup> Total Protein</li> <li>• Total Protein (CSF/Urine)</li> <li>• <sup>a</sup> Triglycerides</li> <li>• Urea Nitrogen (BUN)</li> <li>• <sup>a</sup> Uric Acid</li> </ul>	<ul style="list-style-type: none"> <li>• <math>\alpha</math>1-Acid Glycoprotein</li> <li>• <math>\alpha</math>-1 Antitrypsin</li> <li>• Antistreptolysin O</li> <li>• Apolipoprotein A1</li> <li>• Apolipoprotein B</li> <li>• <math>\beta</math>-2 Microglobulin</li> <li>• <i>CardioPhase</i><sup>®</sup> hsCRP</li> <li>• Complement C3</li> <li>• Complement C4</li> <li>• CRP</li> <li>• CRP, Wide Range</li> <li>• Cystatin C</li> <li>• Ferritin</li> <li>• Haptoglobin</li> <li>• Immunoglobulin A</li> <li>• Immunoglobulin G</li> <li>• Immunoglobulin M</li> <li>• Lipoprotein(a)</li> <li>• Myoglobin</li> <li>• Prealbumin</li> <li>• Rheumatoid Factor</li> <li>• Transferrin</li> </ul>	<ul style="list-style-type: none"> <li>• Carbamazepine</li> <li>• Digoxin</li> <li>• Gentamicin</li> <li>• Lithium</li> <li>• Phenobarbital</li> <li>• Phenytoin</li> <li>• Theophylline</li> <li>• Tobramycin</li> <li>• Valproic Acid</li> <li>• Vancomycin</li> </ul>
Drugs of Abuse/Toxicology			
<ul style="list-style-type: none"> <li>• <sup>c</sup> 6-Acetylmorphine (6-AM)</li> <li>• Acetaminophen</li> <li>• Amphetamines</li> <li>• Barbiturates</li> <li>• Barbiturates, Serum</li> <li>• Benzodiazepines</li> <li>• Benzodiazepines, Serum</li> <li>• Cannabinoids (THC)</li> <li>• Cocaine Metabolite</li> <li>• <sup>b</sup> Creatinine Specimen Validity Test</li> <li>• Ecstasy</li> <li>• Ethanol</li> <li>• Methadone</li> <li>• Methadone Metabolites, EDDP</li> <li>• <sup>b</sup> Nitrite Specimen Validity Test</li> <li>• Opiates</li> <li>• <sup>b</sup> Oxidant Specimen Validity Test</li> <li>• Phencyclidine</li> <li>• <sup>b</sup> pH Specimen Validity Test</li> <li>• Propoxyphene</li> <li>• Salicylate</li> <li>• <sup>b</sup> Specific Gravity Specimen Validity Test</li> <li>• Tricyclic Antidepressants</li> </ul>			
General Chemistry			
<ul style="list-style-type: none"> <li>• <sup>a</sup> Alanine Aminotransferase</li> <li>• <sup>a</sup> Alanine Aminotransferase (P5P)</li> <li>• <sup>a</sup> Albumin (BCG)</li> <li>• <sup>a</sup> Albumin (BCP)</li> <li>• <sup>a</sup> Alkaline Phosphatase (AMP)</li> <li>• <sup>1</sup> Alkaline Phosphatase (DEA)</li> <li>• Ammonia</li> <li>• Amylase</li> <li>• <sup>a</sup> Aspartate Aminotransferase</li> <li>• <sup>a</sup> Aspartate Aminotransferase (P5P)</li> <li>• Bilirubin, Direct</li> <li>• Bilirubin, Total</li> <li>• <sup>a</sup> Calcium (Arsenazo)</li> </ul>			

### References:

1. Not available for sale in the U.S.
- a. Available in concentrated version.
- b. For forensic toxicology use only.
- c. Syva<sup>®</sup> EMIT<sup>®</sup> application

To learn more about the ADVIA Chemistry Systems, visit [www.healthcare.siemens.com/clinical-chemistry/systems](http://www.healthcare.siemens.com/clinical-chemistry/systems)

Siemens Healthcare Diagnostics, a global leader in clinical diagnostics, provides healthcare professionals in hospital, reference, and physician office laboratories and point-of-care settings with the vital information required to accurately diagnose, treat, and monitor patients. Our innovative portfolio of performance-driven solutions and personalized customer care combine to streamline workflow, enhance operational efficiency, and support improved patient outcomes.

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Order No. A91DX-CAI-130462-GC2-4A00  
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