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# ADVIA Chemistry Systems

## Global Test Menu

### Meeting the chemistry workloads of the most demanding laboratories

ADVIA® Chemistry Systems offer simple continuous operation, timely reliable results, and powerful seamless connectivity to keep pace with expanding laboratory demands.

- Fast, predictable TAT and parallel processing through unique sample management and system verification technologies
- Reduced blood-draw requirements and increased walkaway time with micro-volume technology that enables over 100,000 tests on board and uses a single 30 µL sample for up to 15 tests
- Comprehensive menu covers general and specialty chemistry, drugs-of-abuse testing (DAT), therapeutic drug monitoring (TDM), and specific proteins like cystatin C and CardioPhase® hsCRP

The ADVIA Chemistry XPT System has been designed with the latest innovations to enhance performance and reliability, a new intuitive user interface, and high throughputs of up to 2400 tests per hour.

The ADVIA 1800 Clinical Chemistry System offers up to 1800 tests per hour on a versatile system that can be connected to Siemens automation solutions or to the VersaCell® X3 advanced robotics solution.

The ADVIA 2400 Clinical Chemistry System's high throughput of up to 2400 tests per hour manages the heaviest workloads.



ADVIA Chemistry XPT System



ADVIA 1800 Clinical Chemistry System



ADVIA 2400 Clinical Chemistry System

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## Global Test Menu

Drugs of Abuse/Toxicology	General Chemistry	Specific Proteins
<ul style="list-style-type: none"><li>• <sup>a</sup> 6-Acetylmorphine (6-AM)</li><li>• Acetaminophen</li><li>• Amphetamines</li><li>• Barbiturates, Urine</li><li>• Barbiturates, Serum</li><li>• Benzodiazepines, Urine</li><li>• Benzodiazepines, Serum</li><li>• Cannabinoids (THC)</li><li>• Cocaine Metabolite</li><li>• Ecstasy</li><li>• Ethanol</li><li>• Methadone</li><li>• Methadone Metabolites</li><li>• Opiates</li><li>• Phencyclidine</li><li>• Propoxyphene</li><li>• Salicylate</li><li>• Tricyclic Antidepressants</li></ul>	<ul style="list-style-type: none"><li>• Creatinine, Enzymatic</li><li>• Fructosamine</li><li>• Gamma-Glutamyltransferase (GGT)</li><li>• <sup>b</sup> Glucose (Hexokinase)</li><li>• <sup>b</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>b</sup> Magnesium</li><li>• Microalbumin</li><li>• Pancreatic Amylase</li><li>• <sup>b</sup> Phosphorus</li><li>• Potassium</li><li>• Sodium</li><li>• Total Iron Binding Capacity (TIBC)</li><li>• <sup>b</sup> Total Protein</li><li>• Total Protein (CSF/Urine)</li><li>• <sup>b</sup> Triglycerides</li><li>• <sup>b</sup> Urea Nitrogen (BUN)</li><li>• <sup>b</sup> Uric Acid</li></ul>	<ul style="list-style-type: none"><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>
General Chemistry	Specific Proteins	Therapeutic Drug Monitoring (TDM)
<ul style="list-style-type: none"><li>• <sup>b</sup> Alanine Aminotransferase</li><li>• <sup>b</sup> Alanine Aminotransferase (P5P)</li><li>• <sup>b,e</sup> Albumin (BCG)</li><li>• Albumin (BCP)</li><li>• <sup>c</sup> Alkaline Phosphatase (AMP)</li><li>• <sup>1</sup> Alkaline Phosphatase (DEA)</li><li>• Ammonia</li><li>• Amylase</li><li>• <sup>b</sup> Aspartate Aminotransferase</li><li>• <sup>b</sup> Aspartate Aminotransferase (P5P)</li><li>• Bilirubin, Direct</li><li>• Bilirubin, Total</li><li>• <sup>b</sup> Calcium (Arsenazo)</li><li>• <sup>b</sup> Calcium (CPC)</li><li>• <sup>b,e</sup> Carbon Dioxide, Enzymatic</li><li>• Chloride (ISE)</li><li>• <sup>b</sup> Cholesterol</li><li>• Cholinesterase</li><li>• Creatine Kinase</li><li>• <sup>b</sup> Creatinine</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>• CardioPhase<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>• Hemoglobin A1c</li></ul>	<ul style="list-style-type: none"><li>• Carbamazepine</li><li>• Digoxin</li><li>• <sup>f,g</sup> Gabapentin</li><li>• Gentamicin</li><li>• <sup>f,g</sup> Lamotrigine</li><li>• <sup>f,g</sup> Levetiracetam</li><li>• Lithium</li><li>• <sup>f,g</sup> Methotrexate</li><li>• Phenobarbital</li><li>• Phenytoin</li><li>• Theophylline</li><li>• Tobramycin</li><li>• <sup>f,g</sup> Topiramate</li><li>• Valproic Acid</li><li>• Vancomycin</li><li>• <sup>f,g</sup> Zonisamide</li></ul>
		Validity Testing
		<ul style="list-style-type: none"><li>• <sup>d,f</sup> Creatinine</li><li>• <sup>d,f</sup> Nitrite</li><li>• <sup>d,f</sup> Oxidant</li><li>• <sup>d,f</sup> pH</li><li>• <sup>d,f</sup> Specific Gravity</li></ul>
		<b>References:</b> <ol style="list-style-type: none"><li>1. Not available for sale in the U.S.<ol style="list-style-type: none"><li>a. Syva<sup>®</sup> EMIT<sup>®</sup> application.</li><li>b. Also available in concentrated version.</li><li>c. Only available in concentrated version.</li><li>d. Syva applications. For forensic toxicology use only.</li><li>e. Available on ADVIA 1200/1800/2400 legacy systems only. ADVIA XPT supports concentrated version only</li><li>f. Open channel application; Not currently available on the ADVIA Chemistry XPT System.</li><li>g. Manufactured by ARK Diagnostics, Inc., distributed by Siemens Healthcare Diagnostics.</li></ol></li></ol>

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

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