ADVIA Chemistry Systems

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.

• Delivers fast, predictable TAT and parallel processing through unique sample management and system verification technologies

• Reduces blood-draw requirements and increases 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

• Provides comprehensive menu that includes general and specialty chemistry, drugs-of-abuse testing (DAT), therapeutic drug monitoring (TDM), and specific proteins like Cystatin C and CardioPhase® hsCRP assays

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 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 Chemistry System’s high throughput of up to 2400 tests per hour manages the heaviest workloads.
## ADVIA Chemistry Systems

### Global Test Menu

<table>
<thead>
<tr>
<th>Diabetes</th>
<th>General Chemistry</th>
<th>Specific Proteins</th>
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</thead>
<tbody>
<tr>
<td>Fructosamine</td>
<td>Creatinine, Enzymatic</td>
<td>Immunoglobulin A</td>
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<tr>
<td>Hemoglobin A1c</td>
<td>Glucose (Hexokinase)†</td>
<td>Immunoglobulin G</td>
</tr>
<tr>
<td></td>
<td>Glucose (Oxidase)†</td>
<td>Immunoglobulin M</td>
</tr>
<tr>
<td></td>
<td>HDL Cholesterol</td>
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<tr>
<td></td>
<td>Iron</td>
<td>Myoglobin</td>
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<tr>
<td></td>
<td>Lactate</td>
<td>Prealbumin</td>
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<tr>
<td></td>
<td>Lactate Dehydrogenase (L-P)</td>
<td>Rheumatoid Factor</td>
</tr>
<tr>
<td></td>
<td>Lactate Dehydrogenase (P-L)</td>
<td>Soluble Transferrin Receptor (sTfR)†††</td>
</tr>
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<td>LDL Cholesterol</td>
<td>Transferrin</td>
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<tr>
<td></td>
<td>Lipase</td>
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<td>Magnesium†</td>
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<tr>
<td></td>
<td>Microalbumin</td>
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<tr>
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<td>Pancreatic Amylase</td>
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<tr>
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<td>Phosphorus†</td>
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<tr>
<td></td>
<td>Potassium</td>
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<tr>
<td></td>
<td>Sodium</td>
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<td></td>
<td>Total Iron Binding Capacity (TIBC)</td>
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<tr>
<td></td>
<td>Total Protein†</td>
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</tr>
<tr>
<td></td>
<td>Total Protein (CSF/Urine)</td>
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<tr>
<td></td>
<td>Triglycerides†</td>
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<tr>
<td></td>
<td>Urea Nitrogen (BUN)†</td>
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<tr>
<td></td>
<td>Uric Acid†</td>
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</tr>
</tbody>
</table>

### Drugs of Abuse/Toxicology

- 6-Acetylmorphine (6-AM)*
- Acetaminophen
- Amphetamines
- Barbiturates, Urine
- Barbiturates, Serum
- Benzodiazepines, Urine
- Benzodiazepines, Serum
- Cannabinoids (THC)
- Cocaine Metabolites
- Ecstasy
- Ethyl Alcohol
- Methadone
- Methadone Metabolites
- Opiates
- Phencyclidine
- Propoxyphene
- Salicylate
- Tricyclic Antidepressants

### General Chemistry

- Alanine Aminotransferase†
- Alanine Aminotransferase (P5P)†
- Albumin (BCG)††
- Albumin (BCP)
- Alkaline Phosphatase (AMP)§
- Alkaline Phosphatase (DEA)**
- Ammonia
- Amylase
- Aspartate Aminotransferase†
- Aspartate Aminotransferase (PSP)†
- Bilirubin, Direct
- Bilirubin, Total
- Calcium (Arsenazo)†
- Calcium (CPC)†
- Carbon Dioxide, Enzymatic§
- Chloride
- Cholesterol†
- Cholinesterase
- Creatine Kinase
- Creatinine†

### Specific Proteins

- α1-Acid Glycoprotein
- α1-Antitrypsin
- Antistreptolysin O
- Apolipoprotein A1
- Apolipoprotein B
- B-2 Microglobulin
- Complement C3
- Complement C4
- CRP
- CRP, High Sensitivity
- CRP, Wide Range
- Cystatin C
- Ferritin
- Haptoglobin

### Validity Testing

- Creatinine††***
- Nitrite***
- Oxidant††***
- pH††***
- Specific Gravity††***

*Alliance Application manufactured and distributed by Siemens Healthcare Diagnostics.
†Also available in concentrated version.
‡Available on ADVIA 1800/2400 legacy systems only.
**Not available for sale in the U.S.
††Not currently available on the ADVIA Chemistry XPT System.
‡‡Alliance Application manufactured by third party, distributed by Siemens Healthcare Diagnostics.
***Syva applications. For forensic toxicology use only.

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To learn more about the ADVIA Chemistry Systems, visit healthcare.siemens.com/clinical-chemistry/systems

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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