

For use  
in the  
U.S. only



# 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.

- Deliver fast, predictable TAT and parallel processing through unique sample management and system verification technologies.
- Reduce blood-draw requirements and increase walkaway time with micro-volume technology that enables over 100,000 tests onboard and uses a single 30 µL sample for up to 15 tests.
- Provide a comprehensive menu that includes general and specialty chemistry, drugs-of-abuse testing (DAT), therapeutic drug monitoring (TDM), and specific proteins such as 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 Healthineers 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.

[siemens-healthineers.us](https://www.siemens-healthineers.us)



ADVIA Chemistry XPT System



ADVIA 1800 Chemistry System



ADVIA 2400 Chemistry System



# U.S. Test Menu

## Diabetes

Fructosamine  
Hemoglobin A1c (Enzymatic)

## Drugs of Abuse/Toxicology

6-Acetylmorphine (6-AM)<sup>1</sup>  
Acetaminophen  
Amphetamines  
Barbiturates, Urine  
Barbiturates, Serum  
Benzodiazepines, Urine  
Benzodiazepines, Serum  
Buprenorphine<sup>1</sup>  
Cannabinoids (THC)  
Cocaine Metabolite  
Ecstasy  
Ethyl Alcohol  
Methadone  
Methadone Metabolites  
Opiates  
Oxycodone<sup>1</sup>  
Phencyclidine  
Propoxyphene  
Salicylate  
Tricyclic Antidepressants

## General Chemistry

Alanine Aminotransferase<sup>2</sup>  
Alanine Aminotransferase (P5P)<sup>2</sup>  
Albumin (BCG)<sup>2,3</sup>  
Albumin (BCP)  
Alkaline Phosphatase (AMP)<sup>4</sup>  
Ammonia  
Amylase  
Aspartate Aminotransferase<sup>2</sup>  
Aspartate Aminotransferase (P5P)<sup>2</sup>  
Bilirubin, Direct  
Bilirubin, Total  
Calcium (Arsenazo)<sup>2</sup>  
Calcium (CPC)<sup>2</sup>  
Carbon Dioxide (Enzymatic)<sup>4</sup>  
Chloride  
Cholesterol<sup>2</sup>  
Cholinesterase

## General Chemistry (cont.)

Creatine Kinase  
Creatinine<sup>2</sup>  
Creatinine (Enzymatic)  
Gamma-Glutamyltransferase (GGT)  
Glucose (Hexokinase)<sup>2</sup>  
Glucose (Oxidase)<sup>2</sup>  
HDL Cholesterol  
Iron  
Lactate  
Lactate Dehydrogenase (L-P)  
Lactate Dehydrogenase (P-L)  
LDL Cholesterol  
Lipase  
Magnesium<sup>2</sup>  
Microalbumin  
Pancreatic Amylase  
Phosphorus<sup>2</sup>  
Potassium  
Sodium  
Total Iron Binding Capacity (TIBC)  
Total Protein<sup>2</sup>  
Total Protein, CSF/Urine  
Triglycerides<sup>2</sup>  
Urea Nitrogen (BUN)<sup>2</sup>  
Uric Acid<sup>2</sup>

## Specific Proteins

α1-Acid Glycoprotein  
α-1 Antitrypsin  
Antistreptolysin O  
Apolipoprotein A1  
Apolipoprotein B  
β-2 Microglobulin  
Complement C3  
Complement C4  
CRP  
CRP, High Sensitivity  
CRP, Wide Range  
Cystatin C  
Ferritin  
Haptoglobin  
Immunoglobulin A  
Immunoglobulin G  
Immunoglobulin M

## Specific Proteins (cont.)

Lipoprotein(a)  
Myoglobin  
Prealbumin  
Rheumatoid Factor  
Transferrin

## Therapeutic Drug Monitoring

Carbamazepine  
Digoxin  
Gentamicin  
Lithium  
Methotrexate<sup>5,6</sup>  
Phenobarbital  
Phenytoin  
Theophylline  
Tobramycin  
Valproic Acid  
Vancomycin

<sup>1</sup>Alliance Application manufactured and distributed by Siemens Healthcare Diagnostics.

<sup>2</sup>Also available in concentrated version.

<sup>3</sup>ADVIA Chemistry XPT System supports concentrated version only.

<sup>4</sup>Available only in concentrated version.

<sup>5</sup>Not currently available on the ADVIA Chemistry XPT System.

<sup>6</sup>Alliance Application manufactured by third party, distributed by Siemens Healthcare Diagnostics.

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

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