



## Global Assay Menu

# 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 hsCRP assays.

The ADVIA Chemistry XPT System has been designed with innovations to enhance performance and reliability, 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.com](https://www.siemens-healthineers.com)



ADVIA Chemistry XPT System



ADVIA 1800 Chemistry System



ADVIA 2400 Chemistry System



# ADVIA Chemistry Systems

## Global Test Menu

### Diabetes

Fructosamine  
Hemoglobin A1c (Enzymatic)

### Drugs of Abuse/Toxicology

6-Acetylmorphine (6-AM)\*  
Acetaminophen  
Amphetamines  
Barbiturates  
Benzodiazepines  
Buprenorphine\*  
Cannabinoids (THC)  
Cocaine Metabolite  
Ecstasy  
EDDP††  
Ethyl Alcohol  
Ethyl Glucuronide (EtG)<sup>††,§§</sup>  
Fentanyl††  
Methadone  
Opiates  
Oxycodone\*  
Phencyclidine  
Propoxyphene  
Salicylate  
Tramadol††

### General Chemistry

Alanine Aminotransferase<sup>†</sup>  
Alanine Aminotransferase (P5P)<sup>†</sup>  
Albumin (BCG)<sup>†,‡</sup>  
Albumin (BCP)  
Alkaline Phosphatase  
Ammonia  
Amylase  
Aspartate Aminotransferase<sup>†</sup>  
Aspartate Aminotransferase (P5P)<sup>†</sup>  
Bilirubin, Direct  
Bilirubin, Total  
Calcium (Arsenazo)<sup>†</sup>  
Calcium (CPC)<sup>†</sup>  
Carbon Dioxide (Enzymatic)

### General Chemistry (cont.)

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

### Specific Proteins (cont.)

Immunoglobulin A  
Immunoglobulin G  
Immunoglobulin M  
Lipoprotein(a)  
Prealbumin  
Rheumatoid Factor  
Soluble Transferrin Receptor (sTfR)<sup>§,††</sup>  
Transferrin

### Therapeutic Drug Monitoring

Carbamazepine  
Digoxin  
Gentamicin  
Lamotrigine<sup>††</sup>  
Levetiracetam<sup>††</sup>  
Lithium  
Methotrexate<sup>\*\*.,††</sup>  
Phenobarbital  
Phenytoin  
Theophylline  
Tobramycin  
Valproic Acid  
Vancomycin

### Validity Testing

Creatinine<sup>\*,§§</sup>  
Nitrites<sup>\*,§§</sup>  
Oxidants<sup>\*,§§</sup>  
pH<sup>\*,§§</sup>  
Specific Gravity<sup>\*,§§</sup>

\* Alliance Application manufactured and distributed by Siemens Healthcare Diagnostics.

† Also available in concentrated version.

‡ ADVIA Chemistry XPT System supports concentrated version 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.

‡‡ In development, future availability cannot be guaranteed.

§§ Restricted in the U.S. to law enforcement-related use (forensic use only).

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

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