



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 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.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, Urine
Barbiturates, Serum
Benzodiazepines, Urine
Benzodiazepines, Serum
Buprenorphine[†]
Cannabinoids (THC)
Cocaine Metabolite
Ecstasy
Ethyl Alcohol
Methadone
Methadone Metabolites
Opiates
Oxycodone[†]
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 (P5P)[†]
Bilirubin, Direct
Bilirubin, Total
Calcium (Arsenazo)[†]
Calcium (CPC)[†]
Carbon Dioxide (Enzymatic)[§]
Chloride
Cholesterol[†]
Cholinesterase

General Chemistry (cont.)

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

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
Soluble Transferrin Receptor (sTfR)^{**††‡‡}
Transferrin

Therapeutic Drug Monitoring

Carbamazepine
Digoxin
Gentamicin
Lithium
Methotrexate^{††‡‡}
Phenobarbital
Phenytoin
Theophylline
Tobramycin
Valproic Acid
Vancomycin

Validity Testing

Creatinine^{††,§§}
Nitrite^{††,§§}
Oxidant^{††,§§}
pH^{††,§§}
Specific Gravity^{††,§§}

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

† Also available in concentrated version.

‡ ADVIA Chemistry XPT System supports concentrated version only.

§ Available only in concentrated version.

*** 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 application. 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

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