



Global
Test 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.

- 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 XPT System



ADVIA 1800 Chemistry System



ADVIA 2400 Chemistry System

ADVIA Chemistry Systems

Global Test Menu

Diabetes	General Chemistry	Specific Proteins
Fructosamine Hemoglobin A1c	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 [†]	Immunoglobulin A Immunoglobulin G Immunoglobulin M Lipoprotein(a) Myoglobin Prealbumin Rheumatoid Factor Soluble Transferrin Receptor (sTfR) ^{‡‡§§} Transferrin
Drugs of Abuse/Toxicology	Specific Proteins	Therapeutic Drug Monitoring
6-Acetylmorphine (6-AM) [*] Acetaminophen Amphetamines Barbiturates, Urine Barbiturates, Serum Benzodiazepines, Urine Benzodiazepines, Serum Cannabinoids (THC) Cocaine Metabolite Ecstasy Ethyl Alcohol Methadone Methadone Metabolites Opiates Phencyclidine Propoxyphene Salicylate Tricyclic Antidepressants	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	Carbamazepine Digoxin Gabapentin ^{††††} Gentamicin Lamotrigine ^{††††} Levetiracetam ^{††††} Lithium Methotrexate ^{††††} Phenobarbital Phenytoin Theophylline Tobramycin Topiramate ^{††††} Valproic Acid Vancomycin Zonisamide ^{††††}
General Chemistry	Specific Proteins	Validity Testing
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 Creatine Kinase Creatinine [†]		Creatinine ^{††***} Nitrite ^{***} Oxidant ^{††***} pH ^{††***} Specific Gravity ^{††***}

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

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