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Disease State Assays

For the ADVIA Centaur, IMMULITE, Dimension Vista, ADVIA Chemistry, and Dimension RxL Max and Xpand Plus Instrument Series*

Answers for life.

SIEMENS

Disease State	ADVIA Centaur® Series IMMULITE® Series	Dimension Vista® System ADVIA® Chemistry Series	Dimension® RxL Max® and Xpand® Plus Systems
Allergy			
3gAllergy Specific IgE	•		
Allergen-Specific IgG	•		
Allergen-Specific IgG4	• ³		
AlaTOP® Allergy Screen	•		
ECP	• ³		
Total IgE	• •		
Anemia/Iron Metabolism			
EPO	•		
Ferritin	• • • †	• ⁴	•
RBC Folate	• •		
Folate	• • • †		
Haptoglobin		• • •	• ³
Iron		• • •	
Soluble Transferrin Receptor		•	
Transferrin		• • •	
Total Iron Binding Capacity (TIBC)		• • •	
Vitamin B12	• • • †		
Autoimmune/ Rheumatoid Disease			
ANA Screen	• ¹		
Antistreptolysin O (ASO)		• • •	• ³
dsDNA Antibody	• ¹		• ³
Rheumatoid Factor (RF)		• • •	• ³
anti-CCP	• ¹		
anti-Gliadin IgA	• ¹		
anti-Gliadin IgG	• ¹		
anti-tTG IgA	• ³		
Bone Metabolism			
Alkaline Phosphatase		• • •	
Calcitonin	•		
Calcium		• • •	
Osteocalcin	• ³		
Phosphorus	•	• • •	
Pyrilinks-D		•	
Vitamin D	• ¹ • ¹		
Cardiovascular Risk Assessment			
Apolipoprotein (a)/Lp(a)			• ³
Apolipoprotein A-I		• • •	• ³
Apolipoprotein B		• • •	• ³
Cholesterol		• • •	
Direct HDL Cholesterol		• • •	
Direct LDL Cholesterol		• • •	
CardioPhase®			
High Sensitivity CRP		• • •	
High Sensitivity CRP		•	
BNP	•		
NT-proBNP	• ³ • [†]		•
D-Dimer	• ¹ • ³ • ¹		
Lipoprotein (a) [Lp(a)]			• ⁴ • ³
Triglycerides		• • •	
Cardiovascular Acute Care			
Creatine Kinase		• • •	
CK-MB		• • •	• ⁴
CK-MB mass	• • •	• [†]	•
Myoglobin	• • •	• [†] • ⁴	
BNP	•		
NT-proBNP	• ³ • [†]		•
Troponin I	• • •	• [†]	•
TnI-Ultra™	•		
Myeloperoxidase		• ¹	• ¹

Disease State	ADVIA Centaur® Series IMMULITE® Series	Dimension Vista® System ADVIA® Chemistry Series	Dimension® RxL Max® and Xpand® Plus Systems
Congenital & Other Infectious Disease			
Cytomegalovirus IgG	• ¹		
Cytomegalovirus IgM	• ¹ • ³		
Cytomegalovirus Avidity	• ¹ • ¹		
EBV-EBNA IgG		• ¹	
EBV-VCA IgG		• ¹	
EBV-VCA IgM		• ¹	
Herpes I & II IgG		•	
Rubella IgG	• •		
Rubella IgM		• •	
Syphilis	• ¹ • ¹		
Toxoplasma IgG	• •		
Toxoplasma IgM	• •		
Diabetes			
Urinary Albumin/Microalbumin	• • • •		
C-Peptide in Serum	• •		
C-Peptide in Urine	•		
Glucose		• • •	
Glucose from Hemolysate			• ³
Insulin	• •		
HA1c (HbA1c)		• • •	
Drugs of Abuse/Toxicology			
Acetaminophen in Serum		• • •	
Amphetamines in Urine		• • •	
Barbiturates in Urine		• • •	
Barbiturates in Serum		• ⁵ • ¹ • ⁵	
Benzodiazepines in Urine		• ⁵ • ¹ • ⁵	
Benzodiazepines in Serum		• ⁵ • ¹ • ⁵	
Cannabinoids (THC) in Urine	• ³	• • •	
Cocaine Metabolites/ Cocaine in Urine		• • •	
Nicotine Metabolite	• ³		
Ecstasy in Urine		• • ¹ •	
Ethyl Alcohol		• • •	
Methadone in Urine		• • •	
Methadone Metabolites		•	
Methaqualone in Urine		• ⁵ • ⁵	
Opiates in Urine		• • •	
Phencyclidine in Urine		• • •	
Propoxyphene in Urine		• ⁵ • ⁵	
Salicylate in Serum		• • •	
Tricyclic Antidepressants in Urine		• ¹	
Tricyclic Antidepressants in Serum		• ⁵ • ¹ • ⁵	
Electrolytes			
Carbon Dioxide		• • •	
Chloride		• • •	
Potassium		• • •	
Sodium		• • •	
Growth			
hGH	•		
IGF-I	•		
IGFBP-3	•		

Disease State	ADVIA Centaur® Series IMMULITE® Series	Dimension Vista® System ADVIA® Chemistry Series	Dimension® RxL Max® and Xpand® Plus Systems
Hepatic Diseases			
α-2-Macroglobulin		• ¹	
Alanine Aminotransferase		• • •	
Albumin		• • •	
Alkaline Phosphatase		• • •	
Apolipoprotein A-I		• • •	• ³
Aspartate Aminotransferase		• • •	
Direct Bilirubin		• • •	
Gamma Glutamyltransferase		• • •	
Haptoglobin		• • •	• ³
Lactate Dehydrogenase		• • •	
Total Bilirubin		• • •	
Total Protein		• • •	
Hepatitis & Retrovirus			
Anti-HAV Total	• •	• ³	
Anti-HAV IgM		• •	• ³
Anti-HBc Total		• •	
Anti-HBc IgM		• •	
Anti-HBe		• ³	
Anti-HBs		• •	
HBsAg		• •	
HBsAg Confirmatory		• •	
HBeAg		• ³	
HCV		• ²	
Enhanced HIV 1/0/2		• ²	
Immunosuppressive Drugs			
Cyclosporine	• ³	• ¹ •	•
Cyclosporine Extended (C2)		• ¹	•
Mycophenolic Acid		• ¹	• ¹
Sirolimus	• ¹	• ¹	• ¹
Tacrolimus	• ¹	• ¹	•
Inflammation			
α-1-Acid Glycoprotein		• •	• ⁴ • ³
Complement C3		• • •	
Complement C4		• • •	
C1 Inhibitor		• ¹	
CardioPhase®			
High Sensitivity CRP		• • •	
CRP		• • •	
CRP (wide range)		• • •	
IL-1β		• ³	
IL2R		• ³	
IL-6	• ¹	• ³	
IL-8		• ³	
IL-10		• ³	
LBP		• ³	
Procalcitonin	• ¹ • ¹		
TNF α		• ³	
Liver Fibrosis			
TIMP-1	• ¹		
pIIINP	• ¹		
HA	• ¹		
Metabolic			
ACTH	•		
Cortisol in Serum	• •		
Cortisol in Urine	• •		
Homocysteine	• • •		

Disease State	ADVIA Centaur® Series IMMULITE® Series	Dimension Vista® System ADVIA® Chemistry Series	Dimension® RxL Max® and Xpand® Plus Systems
Nephropathies			
Creatinine (Jaffe)		• • •	
Creatinine (Enzymatic)		• ¹ • • ¹	
Cystatin C in Serum		• • ¹	
α-1-Microglobulin in Urine		•	
α-2-Macroglobulin in Urine		• ¹	
β-2-Microglobulin in Urine		• • ⁴	
Ig Light Chains, type Kappa in Urine		• ¹	
Ig Light Chains, type Lambda in Urine		• ¹	
Microalbumin in Urine		• • •	
Immunoglobulin G in Urine		• ¹	
Total Protein in Urine		• • •	
Nutritional Assessment			
Albumin		• • •	
CRP		• • •	
Prealbumin		• • •	
Retinol Binding Protein		• ¹	
Transferrin		• • •	
Other General Chemistry			
Acid Phosphatase		• • •	
Magnesium		• • •	
Blood Urea Nitrogen		• • •	
Uric Acid		• • •	
Other Specialty Analytes			
α-1-Antitrypsin		• •	
Ammonia		• • •	
Ceruloplasmin		•	
Cholinesterase		• • •	
Dibucaine			• ³
Gastrin		•	
H. pylori IgG		•	
Lyme Screen		• ¹	
Hemopexin		• ¹	
Lactic Acid/Lactate		• • •	
Pancreatic Disease			
Amylase		• • •	
Pancreatic Amylase		•	
Lipase		• • •	
Polyclonal & Monoclonal Gammopathies/ Immune System			
β-2-Microglobulin	•	• •	• ⁴
IgA		• • •	
IgG		• • •	
IgM		• • •	
Free Kappa Light Chains		• ¹	
Free Lambda Light Chains		• ¹	
IgG Subclass 1		• ¹	
IgG Subclass 2		• ¹	
IgG Subclass 3		• ¹	
IgG Subclass 4		• ¹	
Proteins in CSF			
Albumin in CSF		•	
IgG in CSF		• ¹	
Total Protein in CSF		• • •	

Disease State	ADVIA Centaur® Series IMMULITE® Series	Dimension Vista® System ADVIA® Chemistry Series	Dimension® RxL Max® and Xpand® Plus Systems
Reproductive Endocrinology			
AFP (NTD)	•		
Androstenedione	•		
DHEA-SO4	• ¹ •		
Estradiol	• •		
Estradiol-6 III	•		
Free β-HCG		• ³	
FSH	• •		
β-HCG		• [†]	
HCG (total HCG)	• •	•	
LH	• •		
PAPP-A		• ³	
Progesterone	• •		
Prolactin	• •		
SHBG	• ¹ •		
Total Testosterone	• •		
Unconjugated Estriol	• ¹ •		
Therapeutic Drug Monitoring			
Carbamazepine	• • • •	• •	
Digitoxin	• • • •		
Digoxin	• • • •		
Gentamicin	• • • •		
Lidocaine		• •	
Lithium		• • •	
N-Acetyl Procinamide		•	
Phenobarbital	• • • •		
Phenytoin	• • • •		
Procainamide		•	
Theophylline	• • • •		
Tobramycin	• • • •		
Valproic Acid	• • • •		
Vancomycin	• • • •		
Thyroid Function			
Anti-TG Ab	• •		
Anti-TPO Ab	• •		
Free T3	• • •	• [†]	
Free T4	• • •	• [†]	•
Intact PTH	• •		
TSH	•		•
Rapid TSH	•		
TBG	•		
Third Generation TSH	• •	• [†]	
Thyroglobulin (Tg)	• ¹ •		
Thyronine Uptake	• • •		•
Total T3	• • •		•
Total T4	• • •		•
TSI	• ¹ • ¹		

Disease State	ADVIA Centaur® Series IMMULITE® Series	Dimension Vista® System ADVIA® Chemistry Series	Dimension® RxL Max® and Xpand® Plus Systems
Tumor Markers			
AFP	• • •	• ^{†1}	
BR-MA (CA 15-3)		•	
BR 27.29		•	
CEA		• • •	• ^{†1}
CA 15-3		•	
CA 125II		•	
CA 19-9		•	
HER-2/neu in Serum		•	
GI-MA (CA19-9)		• ³	
OM-MA (CA 125)		•	
PAP		•	
Complexed PSA	•		
Free PSA	• ¹ •	• [†]	•
Third Generation PSA		•	
Total PSA	• • •	• [†]	•
TPS		• ³	
Veterinary			
Canine Total T4		•	
Canine TSH		•	
Canine TLI		•	

- Available method
- † LOCI® technology
- 1 Under development
- 2 The ADVIA Centaur HCV and ADVIA Centaur HIV 1/0/2 assays are developed, manufactured and sold by Siemens Healthcare Diagnostics for Ortho-Clinical Diagnostics, Inc.
- 3 Available outside of U.S.
- 4 Official/approved open application
- 5 EMIT® application