

VITROS® XT 7600 Integrated System
 VITROS® 5600 Integrated System
 VITROS® 3600 Immunodiagnostic System
 VITROS® ECI/ECiQ Immunodiagnostic Systems
 VITROS® 4600 Chemistry System
 VITROS® 350/VITROS® XT 3400 Chemistry System

Anemia

dTIBC	+	+	+	+
Ferritin			+	+
Folate			+	+
Haptoglobin	+			+
Iron	+	+		+
TIBC	+			+
Transferrin	+			+
Vitamin B12			+	+

Bone Disease

Alkaline Phosphatase	+	+		+
Calcium	+	+		+
Intact PTH			+	+
NTx			+	+
Phosphorus	+	+		+
Vitamin D			+	+

Cardiac

Apolipoprotein A1	+			+
Apolipoprotein B	+	+		+
Cholesterol	+	+		+
CK	+	+		+
CK-MB			+	+
CKMB	+			+
D-Dimer	+			+
Direct HDL	+	+		+
Direct LDL	+	+		+
Homocysteine	+			+
hsTroponin		D	D	D
LDH	+	+		+
LDHi	+	+		+
Lp(a)*	+			+
Myoglobin	+		+	+
NT-proBNP			+	+
Triglycerides	+	+		+
Troponin I ES			+	+

Diabetes

β-hydroxybuturate*	+	+		+
BUN/Urea	+	+		+
C-Peptide			+	+
Creatinine	+	+		+
Glucose	+	+		+
Glycated Serum Protein*	+	+		+
HbA1c	+			+
Insulin			+	+
Microalbumin	+			+

Drugs of Abuse (Urine)

Amphetamines	+			+
Barbiturates	+			+
Benzodiazepines	+			+
Buprenorphine/Suboxone*	+			+
Cocaine Metabolites	+			+
Ecstasy*	+			+
Ethyl Glucuronide (ETG)**	+			+
Fentanyl**	+			+
Heroin Metabolite (6-AM)*	+			+
Hydrocodone*	+			+
Methadone	+			+
Methadone Metabolite (EDDP)*	+			+
Opiates	+			+
Oxycodone*	+			+
PCP	+			+
Propoxyphene*	+			+
THC	+			+
Tricyclic antidepressants*	+			+

+ = Available
 D = In development/currently not available
 % = MPA assay validated/pending availability from Ortho
 S = Submitted to FDA

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General Chemistry

Amylase	+	+		+
BUN/Urea	+	+		+
Calcium	+	+		+
CK	+	+		+
Glucose	+	+		+
Lactate	+	+		+
LDH	+	+		+
LDHi	+	+		+
Lipase	+	+		+
Magnesium	+	+		+
Phosphorus	+	+		+
Uric Acid	+	+		+

Hepatic

Albumin	+	+		+
Alkaline Phosphatase	+	+		+
Alpha 1-antitrypsin	+			+
ALT	+	+		+
ALTV	+	+		+
Ammonia	+	+		+
AST	+	+		+
BuBc	+	+		+
Cholinesterase	+	+		+
GGT	+	+		+
IgA	+			+
IgG	+	+		+
IgM	+			+
Total Bilirubin	+			+
Prealbumin	+	+		+

Immunosuppressant Drugs

Cyclosporine*	+	+		+
Everolimus*				+
Mycophenolic Acid*	+			+
Tacrolimus*	+			+

Infectious Disease

Anti-HAV IgM			+	+
Anti-HAV Total			+	+
Anti-HBc			+	+
Anti-HBc IgM			+	+
Anti-HBe			+	+
Anti-HBs			+	+
Anti-HCV			+	+
Anti-HIV 1+2			+	+
HBeAg			+	+
HBsAg			+	+
HIV Combo			+	+
Rubella IgG			+	+

Inflammatory

ASO	+			+
C3	+			+
C4	+			+
CRP	+	+		+
hsCRP	+			+
IgA	+			+
IgG	+			+
IgM	+			+
Procalcitonin			D	D
RF	+			+
Wide-Range CRP*	+			+

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Lipids

Apolipoprotein A1	+	+			+	+
Apolipoprotein B	+	+			+	+
Cholesterol	+	+			+	+
Direct HDL	+	+			+	+
Direct LDL	+	+			+	+
Triglycerides	+	+			+	+

Nutritional Assessment

Albumin	+	+			+	+
dTIBC	+	+			+	+
Ferritin			+	+	+	+
Folate			+	+	+	+
Iron	+	+			+	+
Prealbumin	+	+			+	+
Total Protein	+	+			+	+
Transferrin	+	+			+	+
Vitamin B12			+	+	+	+

Oncology

AFP			+	+	+	+
CA 15-3™			+	+	+	+
CA 19-9™			+	+	+	+
CA 125 II™			+	+	+	+
CEA			+	+	+	+
IgA			+	+	+	+
IgG			+	+	+	+
IgM			+	+	+	+
Kappa Free Light Chain*			+	+	+	+
Lambda Free Light Chain*			+	+	+	+
PSA			+	+	+	+

Pancreatic

Amylase	+	+			+	+
Lipase	+	+			+	+

Prenatal

Anti-HIV 1+2			+	+	+	+
HBsAg			+	+	+	+
HIV Combo			+	+	+	+
Rubella IgG			+	+	+	+
Total β-hCG Generation II			+	+	+	+

Renal

Albumin	+	+			+	+
BUN/Urea	+	+			+	+
Calcium	+	+			+	+
Carbon Dioxide	+	+			+	+
Chloride	+	+			+	+
Creatinine	+	+			+	+
Cystatin C*			+	+	+	+
Glucose	+	+			+	+
Microalbumin	+	+			+	+
NephroCheck®					D	D
Phosphorus	+	+			+	+
Potassium	+	+			+	+
Sodium	+	+			+	+
Uric Acid	+	+			+	+
Urine Protein	+	+			+	+

Reproductive Endocrinology

Estradiol			+	+	+	+
FSH			+	+	+	+
LH			+	+	+	+
Progesterone			+	+	+	+
Prolactin			+	+	+	+
Testosterone			+	+	+	+
Total β-hCG Generation II			+	+	+	+
TSH			+	+	+	+

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Respiratory

Alpha 1-antitrypsin	+	+			+	+
Caffeine	+	+			+	+
Carbon Dioxide	+	+			+	+
Chloride	+	+			+	+
Potassium	+	+			+	+
Sodium	+	+			+	+

Spinal

Glucose (csf)	+	+			+	+
Total Protein (csf)	+	+			+	+

Therapeutic Drug Monitoring

Amikacin*	+	+			+	+
Caffeine	+	+			+	+
Carbamazepine	+	+			+	+
Digoxin	+	+			+	+
Gentamicin	+	+			+	+
Lithium	+	+			+	+
Lidocaine*	+	+			+	+
Methotrexate*	+	+			+	+
Phenobarbital*	+	+			+	D
Phenytoin	+	+			+	+
Theophylline	+	+			+	+
Tobramycin	+	+			+	+
Valproic Acid	+	+			+	+
Vancomycin	+	+			+	+

Thyroid/Metabolic

Cortisol			+	+	+	+
Free T3			+	+	+	+
Free T4			+	+	+	+
Lactate	+	+			+	+
T3 Uptake			+	+	+	+
Total T3			+	+	+	+
Total T4			+	+	+	+
TSH			+	+	+	+

Toxicology

Acetaminophen	+	+			+	+
Alcohol	+	+			+	+
Cholinesterase	+	+			+	+
Salicylate	+	+			+	+

Urine

Amylase	+	+			+	+
Calcium	+	+			+	+
Chloride	+	+			+	+
Creatinine	+	+			+	+
Glucose	+	+			+	+
Magnesium	+	+			+	+
Phosphorus	+	+			+	+
Potassium	+	+			+	+
Protein	+	+			+	+
Sodium	+	+			+	+
BUN/Urea	+	+			+	+
Uric Acid	+	+			+	+

VITROS® XT MicroSlides

Alanine Aminotransferase/Aspartate Aminotransferase					+	+
Albumin/Total Protein					+	+
Glucose/Calcium					+	+
Total Bilirubin/Alkaline Phosphatase					+	+
Triglyceride/Cholesterol					+	+
Urea/Creatinine					+	+

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Acetaminophen	+	+		+
AFP			+	+
Alanine Aminotransferase/Aspartate Aminotransferase				+
Albumin	+	+		+
Albumin/Total Protein				+
Alcohol	+	+		+
Alkaline Phosphatase	+	+		+
Alpha 1-antitrypsin	+			+
ALT	+	+		+
ALTV	+	+		+
Amikacin*	+			+
Ammonia	+	+		+
Amphetamines	+			+
Amylase	+	+		+
Anti-HAV IgM			+	+
Anti-HAV Total			+	+
Anti-HBc			+	+
Anti-HBc IgM			+	+
Anti-HBe			+	+
Anti-HBs			+	+
Anti-HCV			+	+
Anti-HIV 1+2			+	+
Apolipoprotein A1	+			+
Apolipoprotein B	+			+
ASO	+			+
AST	+	+		+
Barbiturates	+			+
Benzodiazepines	+			+
β-hydroxybuturate*	+			+
BuBc	+	+		+
BUN/Urea	+	+		+
Buprenorphine/Suboxone*	+			+
C-Peptide			+	+
C3	+			+
C4	+			+
CA 125 II™			+	+
CA 15-3™			+	+
CA 19-9™			+	+
Caffeine	+			+
Calcium	+	+		+
Carbamazepine	+	+		+

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Carbon Dioxide	+	+		+
CEA			+	+
Chloride	+	+		+
Cholesterol	+	+		+
Cholinesterase	+	+		+
CK	+	+		+
CK-MB			+	+
CKMB	+	+		+
Cocaine Metabolites	+			+
Cortisol			+	+
Creatinine	+	+		+
CRP	+	+		+
Cyclosporine*	+			+
Cystatin C*	+			+
D-Dimer	+			+
Digoxin	+	+		+
Direct HDL	+	+		+
Direct LDL	+			+
dTIBC	+			+
Ecstasy*#	+			+
Estradiol			+	+
Ethyl Glucuronide (ETG)**	+			+
Everolimus*	+			+
Fentanyl*#	+			+
Ferritin			+	+
Folate			+	+
Free T3			+	+
Free T4			+	+
FSH			+	+
Gentamicin	+			+
GGT	+	+		+
Glucose	+	+		+
Glucose (csf)	+	+		+
Glucose/Calcium				+
Glycated Serum Protein*	+			+
Haptoglobin	+			+
HbA1c	+			+
HBeAg			+	+
HBsAg			+	+
Heroin Metabolite (6-AM)*	+			+
HIV Combo			+	+

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Homocysteine	+		+	+
hsCRP	+		+	+
hsTroponin		D D	D D	
Hydrocodone*	+		+	+
IgA	+		+	+
IgG	+		+	+
IgM	+		+	+
Insulin		+	+	+
Intact PTH		+	+	+
Iron	+	+	+	+
Kappa Free Light Chain*	+		+	+
Lactate	+	+	+	+
Lambda Free Light Chain*	+		+	+
LDH	+	+	+	+
LDHi	+	+	+	+
LH		+	+	+
Lidocaine*	+		+	+
Lipase	+	+	+	+
Lithium	+	+	+	+
Lp(a)*	+		+	+
Magnesium	+	+	+	+
Methadone	+		+	+
Methadone Metabolite (EDDP)*	+		+	+
Methotrexate*	+		+	+
Microalbumin	+		+	+
Mycophenolic Acid*	+		+	+
Myoglobin		+	+	+
NephroCheck®		D	D D	
NT-proBNP		+	+	+
NTx		+	+	+
Opiates	+		+	+
Oxycodone*	+		+	+
PCP	+		+	+
Phenobarbital*	+		+	D
Phenytoin	+	+	+	+
Phosphorus	+	+	+	+
Potassium	+	+	+	+
Prealbumin	+		+	+
Procalcitonin		D D	D D	
Progesterone		+	+	+
Prolactin		+	+	+

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Propoxyphene*	+		+	+
PSA			+	+
RF	+		+	+
Rubella IgG			+	+
Salicylate	+	+	+	+
Sodium	+	+	+	+
T3 Uptake			+	+
Tacrolimus*	+		+	+
Testosterone			+	+
THC	+		+	+
Theophylline	+	+	+	+
TIBC	+		+	+
Tobramycin	+		+	+
Total Bilirubin	+	+	+	+
Total Bilirubin/Alkaline Phosphatase	+		+	+
Total Protein	+	+	+	+
Total Protein (csf)	+	+	+	+
Total β-hCG Generation II			+	+
Total T3			+	+
Total T4			+	+
Transferrin	+		+	+
Tricyclic antidepressants*	+		+	+
Triglyceride/Cholesterol	+		+	+
Triglycerides	+	+	+	+
Troponin I ES			+	+
TSH			+	+
Urea/Creatinine			+	+
Uric Acid	+	+	+	+
Urine Protein	+	+	+	+
Valproic Acid	+		+	+
Vancomycin	+		+	+
Vitamin B12			+	+
Vitamin D			+	+
Wide-Range CRP*	+		+	+