

Metabolism Assay Kits

Metabolism plays a key role in different areas including physiology, cell biology, and medicine. Research in metabolism is dramatically increased by the realization that many common human diseases such as cancer, diabetes, obesity, hypoglycemia, hypolipidemia, phenylketonuria, neurodegeneration etc. are due to perturbations in metabolic pathways. Understanding the metabolic variations and possible outliers is thus a crucial aspect of disease-oriented research. BioVision is proud to offer the broadest metabolism product portfolio ranging from carbohydrates, lipids, amino acids & proteins, inorganic ions, serum components, coenzymes & cofactors to oxidative stress, glycolysis pathway, and intermediary metabolism.

Key Features:

- **Non-radioactive**
- **Specific:** Homogeneous Assay
- **Convenient:** Minimal Sample Preparation; Fast Protocols (1-2 hours)
- **Cost Effective:** 100 Assays

Product Name	Cat. No.	Size
ACE1 Activity Assay Kit (C)	K2001	100 assays
ACE1 Inhibitor Screening Kit (C)	K719	100 assays
Acetaldehyde Assay Kit (Fluorometric)	K2101	100 assays
Acetate Assay Kit (C)	K658	100 assays
Acetoacetate Assay Kit (C)	K650	100 assays
Acetylcholinesterase Activity Assay Kit (C)	K764	100 assays
Acetylcholinesterase Inhibitor Screening Kit (C)	K197	100 assays
PicoProbe™ Acetyl-CoA Assay Kit (F)	K317	100 assays
Acid Phosphatase Activity Assay Kit (C)	K411	500 assays
Acid Phosphatase Activity Assay Kit (F)	K421	500 assays
Acid Phosphatase Cell Cytotoxicity Assay Kit	K937	500 assays
Acid Sphingomyelinase Assay Kit II (C)	K192	100 assays
Acidic Mammalian Chitinase Activity Kit (F)	K513	100 assays
Acidic Mammalian Chitinase Inhibitor Screening Kit (F)	K693	100 assays
Aconitase Activity Assay Kit (C)	K716	100 assays
PM20D1 Activity Assay Kit (Colorimetric)	K2107	100 assays
CD38 (Hydrolase) Activity Assay Kit (Fluorometric)	K2095	100 assays
Acyl-CoA Synthetase Assay Kit (F)	K184	100 assays
Adenosine Assay Kit (F)	K327	100 recations
Adenosine Deaminase (ADA1) Inhibitor Screening Kit (C)	K993	100 assays
Adenosine Deaminase Activity Assay Kit (C)	K321	100 assays
Adenosine Deaminase Activity Assay Kit (F)	K328	100 assays
Adenosylhomocysteinase (AHCY) Activity Assay Kit (F)	K807	100 assays
Adenylate Kinase (AK) Activity Assay Kit (C/F)	K350	100 assays
Adipogenesis Assay Kit (C/F)	K610	100 assays

*C: Colorimetric; F: Fluorometric

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Product Name	Cat. No.	Size
ADP Assay Kit (C/F)	K355	100 assays
PicoProbe™ ADP Assay Kit (F)	K211	100 assays
ADP Assay Kit II (C)	K356	100 assays
ADP/ATP Ratio Bioluminescence Assay Kit, ApoSENSOR	K255	200 assays
Advanced Glycation End Products (AGEs) Assay Kit	K929	100 assays
AHCY Inhibitor Screening Kit (F)	K326	100 assays
EZScreen™ Alanine Aminotransferase (ALT or SGPT) Activity Assay Kit (384-Well)	K941	400 assays
Alanine Aminotransferase (ALT or SGPT) Activity Assay Kit (C/F)	K752	100 assays
Alanine Assay Kit (C/F)	K652	100 assays
Albumin (Albuminuria) Assay Kit (F)	K550	100 assays
Albumin (BCG) Assay Kit (C)	K554	100 assays
Albumin-to-Creatinine Ratio (ACR)	K551	100 assays
Alcohol Dehydrogenase Activity Assay Kit (C)	K787	100 assays
Aldehyde Assay Kit (Colorimetric)	K2096	100 assays
Aldehyde Dehydrogenase 2 Inhibitor Screening Kit (F)	K2011	100 assays
Aldehyde Dehydrogenase 3A1 Inhibitor Screening Kit (F)	K2060	100 assays
Aldehyde Dehydrogenase Activity Assay Kit (C)	K731	100 assays
PicoProbe™ Aldehyde Dehydrogenase Activity Assay Kit (F)	K741	100 assays
EZDetect™ Aldo-keto Reductase Activity Assay Kit (C)	K847	100 assays
Aldolase Activity Assay Kit (C)	K665	100 assays
Aldose Reductase Activity Kit (C)	K369	100 assays
Aldose Reductase Inhibitor Screening Kit (C)	K174	100 assays
Alkaline Phosphatase Activity Assay Kit (C)	K412	500 assays
Alkaline Phosphatase Activity Assay Kit (F)	K422	500 assays
Alkaline Phosphatase Staining Kit	K2035	50 assays
Alkaline Sphingomyelinase Activity Assay Kit (C)	K987	100 assays
Alpha-Mannosidase Activity Assay Kit (F)	K2041	100 assay
Total D-Amino Acid Assay Kit (F)	K445	100 assays
D-Amino Acid Oxidase Activity Assay Kit (F)	K559	100 assays
L-Amino Acid Quantitation Kit (C/F)	K639	100 assays
Ammonia Assay Kit (C)	K370	100 assays
Ammonia Assay Kit II (C)	K470	100 assays
AMP Assay Kit (C)	K229	100 assays
Amylase Activity Assay Kit (C)	K711	100 assays
α-Amylase Inhibitor Screening Kit	K482	100 assays
Angiogenesis (Tube Formation) Assay	K905	50 assays
Angiotensin I Converting Enzyme (ACE1) Inhibitor Screening Kit	K228	100 assays
Angiotensin I Converting Enzyme Activity (ACE1) Assay Kit (F)	K227	100 assays
Angiotensin II Converting Enzyme (ACE2) Activity Assay Kit (F)	K897	100 assays
1,5-Anhydroglucitol Assay Kit (C)	K2029	100 assay
1,5-Anhydroglucitol Uptake Assay Kit (Cell-Based)	K684	50 assays
Total Antioxidant Capacity (TAC) Assay Kit (C)	K274	100 assays
Arginase Activity Assay Kit (C)	K755	100 assays
Arginase I (ARG1) Inhibitor Screening Kit (C)	K567	100 assays
L-Arginine Assay Kit (C)	K749	100 assays
Arginine Assay Kit (F)	K384	100 assays

Product Name	Cat. No.	Size
Arylamine N-acetyltransferase Activity Assay Kit (F)	K2031	100 assay
Ascorbic Acid Assay Kit (C/F)	K661	100 assays
Ascorbic Acid Assay Kit II (FRASC) (C)	K671	100 assays
Asparaginase Activity Assay Kit (C/F)	K754	100 assays
Asparagine Assay Kit (C)	K736	100 assays
Aspartate Aminotransferase (AST or SGOT) Activity Assay Kit (C)	K753	100 assays
Aspartate Assay Kit (C/F)	K552	100 assays
cAMP Assay Kit (Fluorometric)	K2087	100 assays
EZScreen™ ATP Assay Kit (384-Well) (C)	K959	400 assays
ATP Assay Kit (C/F)	K354	100 assays
ATPase Activity Assay Kit (C)	K417	100 assays
ATPase Activity Assay Kit II (Colorimetric)	K2099	100 assays
BCA Protein Quantitation Kit	K812	1000 assays
Beta-Mannosidase Activity Assay Kit (F)	K2045	100 assays
Total Bile Acids (TBA) Assay Kit (C)	K209	100 assays
Bilirubin (Total and Direct) Assay Kit (C)	K553	100 assays
Branched Chain Amino Acid (Leu/Ile/Val) Assay Kit (C)	K564	100 assays
Butyrylcholinesterase Activity Kit (C)	K516	100 assays
Butyrylcholinesterase Inhibitor Screening Kit (Colorimetric)	K2084	100 assays
Calcium Assay Kit (C)	K380	250 assays
Calcium Assay Kit (F)	K409	100 assays
EZCell™ Calcium Detection Kit (Cell-Based)	K432	50 assays
cAMP Direct Immunoassay Kit (C)	K371	100 assays
cAMP Phosphodiesterase Activity Assay Kit (F)	K2013	100 assays
Total Carbohydrate Assay Kit (C)	K645	100 assays
Carbonic Anhydrase (CA) Activity Assay Kit (C)	K472	100 assays
Carbonic Anhydrase (CA) Inhibitor Screening Kit (C)	K473	100 assays
Carboxylesterase Activity Assay Kit (F)	K2014	100 assays
Cardiolipin Assay Kit (F)	K944	100 assay
L-Carnitine Assay Kit (C/F)	K642	100 assays
Carrez Clarification Reagent Kit	K809	100 assays
Catalase Activity Assay Kit (C/F)	K773	100 assays
Cathepsin L Inhibitor Screening Kit (F)	K161	100 assays
CD38 Activity Assay Kit (F)	K2042	100 assays
Cellulase Activity Assay Kit (Fluorometric)	K2080	100 assays
Ceruloplasmin Activity Assay Kit (C)	K669	100 assays
CETP Activity Assay Kit II (F)	K595	100 assays
CETP Inhibitor Screening Kit II (F)	K594	100 assays
EZCell™ CFDA SE Cell Tracer Kit	K2057	200 assays
cGMP Direct Immunoassay Kit (C)	K372	100 assays
Chitosan Assay Kit (C)	K995	100 assays
Chitotriosidase Activity Assay Kit (F)	K512	100 assays
Chloride Assay Kit (C)	K530	100 assays
EZScreen™ Total Cholesterol & Cholesteryl Ester Assay Kit (384-Well) (C)	K957	400 assays
Total Cholesterol and Cholesteryl Ester Assay Kit (C/F)	K603	100 assays
Total Cholesterol and Cholesteryl Ester Assay Kit II (C)	K623	100 assays

Product Name	Cat. No.	Size
Cholesterol Efflux Assay Kit (cell-based) (F)	K582	100 assays
Choline Kinase (ChoK) Activity Assay Kit (F)	K476	100 assays
Choline Oxidase Activity Assay Kit (F)	K2052	100 assays
Choline/Acetylcholine Quantification Kit (C/F)	K615	100 assays
Cholinesterase Activity Assay Kit (C)	K975	100 assays
Citrate Assay Kit (C/F)	K655	100 assays
Citrate Synthase Activity Assay Kit (C)	K318	100 assays
Citrulline Assay Kit (F)	K2002	100 assays
Cobalt Assay Kit (C)	K505	100 assays
Coenzyme A (CoA) Assay Kit (C/F)	K367	100 assays
Total Collagen Assay Kit (C)	K218	100 assays
Total Collagen Assay Kit (Perchlorate-Free)	K406	100 Reactions
Collagenase (Collagen Degradation/Zymography) Assay Kit (F)	K490	100 assays
Collagenase Activity Assay Kit (C)	K792	100 assays
Collagenase Inhibitor Screening Kit (F)	K833	100 assays
Copper Detection Assay Kit (F)	K899	100 assay
Creatine Assay Kit (C/F)	K635	100 assays
Creatine Kinase (CK) Activity Assay Kit (C)	K777	100 assays
Creatinine Assay Kit (C/F)	K625	100 assays
c-Src Kinase Inhibitor Screening Kit	K2015	100 assays
Cyclic-di-GMP Assay Kit	k1483	100 assays
Cystathionine β Synthase Activity Assay Kit (F)	K998	100 assays
Cystathionine β Synthase Inhibitor Screening Kit (F)	K695	100 assays
Cysteine Assay Kit (F)	K558	100 assays
Cytidine Deaminase Activity Assay Kit (F)	K451	100 assays
Cytochrome Oxidase Activity Assay Kit (C)	K287	100 assays
D-2-Hydroxyglutarate (D2HG) Assay Kit (C)	K213	100 assays
PicoProbe™ D-2-Hydroxyglutarate Dehydrogenase Assay Kit (F)	K248	100 assays
DDAH Activity Assay Kit (Colorimetric)	K2089	100 assays
Deproteinizing Sample Preparation Kit II	K823	200 assays
D-Gluconate (D-Gluconic Acid) Assay Kit (C)	K683	100 assays
Diamine Oxidase Activity Assay Kit (F)	K496	100 assays
Dihydrofolate Reductase Activity Kit (C)	K246	100 assays
Dihydrofolate Reductase Inhibitor Screening Kit (C)	K247	100 assays
PicoProbe™ Dihydroxyacetone Phosphate (DHAP) Assay Kit (F)	K673	100 assays
EZCell™ Direct Glucose Uptake Assay Kit	K924	50 assays
D-Lactate Assay Kit (C)	K667	100 assays
PicoProbe™ D-Lactate Assay Kit (F)	K668	100 assays
DL-Serine Assay Kit (F)	K743	100 assays
D-Mannitol Assay Kit (C)	K644	100 assays
DPP4 Activity Assay Kit (F)	K779	100 assays
DPP4 Inhibitor Screening Kit (F)	K780	100 assays
DPPH Antioxidant Assay Kit (C)	K2078	100 assays
D-Sorbitol Assay Kit (C)	K631	100 assays
Elastin Assay Kit (C)	K2077	100 assays
Endothelin Converting Enzyme 1 Activity Assay Kit (F)	K536	100 assays

Product Name	Cat. No.	Size
Enolase Activity Assay Kit (C/F)	K691	100 assays
Enteropeptidase/Enterokinase Activity Assay Kit (F)	K758	100 assays
Enteropeptidase/Enterokinase Inhibitor Screening Kit (F)	K759	100 assays
Ethanol Assay Kit (C/F)	K620	100 assays
FAAH1 Inhibitor Screening Kit (F)	K379	100 assays
Factor XIa Activity Assay Kit (C)	K973	100 assays
Factor XIIIa Activity Assay Kit (C)	K994	100 assays
Factor XIIIa Activity Assay Kit (C)	K522	100 assays
FAD Assay Kit (C/F)	K357	100 assays
FasL (mouse) ELISA Kit	K3331	100 assays
FasL (rat) ELISA Kit	K3330	100 assays
Fatty Acid Amide Hydrolase (FAAH) Activity Assay Kit (F)	K434	100 assays
Fatty Acid Uptake Assay Kit (Cell-Based)	K408	100 assays
Ferric Reducing Antioxidant Power (FRAP) Assay Kit (C)	K515	200 assays
PicoProbe™ Formaldehyde Assay Kit (F)	K805	100 assays
Formate Assay Kit (C)	K653	100 assays
EZScreen™ Free Fatty Acid Assay Kit (384-well) (C)	K956	400 assays
Free Fatty Acid Quantification Kit (C/F)	K612	100 assays
Free Glycerol Assay Kit (C/F)	K630	100 assays
PicoProbe™ Free Glycerol Assay Kit (F)	K643	100 assays
Free Glycerol Assay Kit II (C)	K634	100 assays
Fructosamine Assay Kit (C)	K450	100 assays
Fructose Assay Kit (C)	K439	100 assays
Fructose Assay Kit (C/F)	K619	100 assays
PicoProbe™ Fructose Assay Kit (F)	K611	100 assays
PicoProbe™ Fructose-1,6-Bisphosphatase Inhibitor Screening Kit (F)	K399	100 assays
PicoProbe™ Fructose-6-Phosphate Assay Kit (F)	K689	100 assays
PicoProbe™ Fructose-1,6-Bisphosphate Assay Kit (F)	K2036	100 assay
EZClick™ Fucose (FucAz) Modified Glycoprotein Assay Kit	K592	100 assays
α-L-Fucosidase (FUCA1) Assay Kit (C)	K224	100 assays
α-L-Fucosidase Activity Assay Kit (F)	K542	100 assays
Fumarase Activity Assay Kit (C)	K596	100 assays
Fumarate Assay Kit (C)	K633	100 assays
Furin Activity Assay Kit (F)	K2076	100 assays
Furin Inhibitor Screening Kit (F)	K2069	100 assays
Galactose and Lactose Assay Kit (C/F)	K617	100 assays
Galactose Assay Kit (C/F)	K621	100 assays
Alpha Galactosidase (α-Gal) Activity Assay Kit (F)	K407	100 assays
Beta Galactosidase (β-Gal) Activity Assay Kit (F)	K821	100 assays
Beta Galactosidase (β-Gal) Inhibitor Screening Kit (F)	K827	100 assays
Gamma Glutamyl Transferase (GGT) Activity Assay Kit (C)	K784	100 assays
Gamma Glutamyl Transferase (GGT) Activity Assay Kit (F)	K785	100 assays
GAPDH Activity Assay Kit	K680	100 assays
Gelatinase (Gelatin Degradation/Zymography) Assay Kit (F)	K444	100 assays
Beta-Glucan Assay Kit (F)	K2068	100 assays
PicoProbe™ Glucokinase Activity Assay Kit (F)	K969	100 assays

Product Name	Cat. No.	Size
Gluconokinase (GntK) Activity Assay Kit (C)	K319	100 assays
Glucose and Sucrose Assay Kit (C/F)	K616	100 assays
EZScreen™ Glucose Assay Kit (384-Well) (C)	K950	384 assays
Glucose Assay Kit (C/F)	K606	100 assays
PicoProbe™ Glucose Assay Kit (F)	K688	100 assays
Glucose Assay Kit II (C)	K686	100 assays
Glucose Dehydrogenase Activity Assay Kit (C)	K786	100 assays
Glucose Isomerase Activity Assay Kit (C)	K491	100 assays
Glucose Oxidase Activity Assay Kit (C/F)	K788	100 assays
Glucose Uptake Assay Kit (C)	K676	100 assays
GluTracker™ Glucose Uptake Assay Kit (Cell-Based)	K681	50 assays
Glucose Uptake Assay Kit (F)	K666	100 assays
Glucose-1-Phosphate Assay Kit (C)	K697	100 assays
Glucose-6-Phosphate Assay Kit (C)	K657	100 assays
PicoProbe™ Glucose-6-Phosphate Assay Kit (F)	K687	100 assays
Glucose-6-Phosphate Dehydrogenase Activity Assay Kit (C)	K757	100 assays
PicoProbe™ Glucose-6-Phosphate Dehydrogenase Activity Assay Kit (F)	K751	100 assays
Glucose-6-Phosphate Dehydrogenase Inhibitor Screening Kit (C)	K225	100 assays
α-Glucosidase Activity Assay Kit (C)	K690	100 assays
α-Glucosidase Inhibitor Screening Kit (C)	K938	100 assays
Glucosylceramidase Activity Assay Kit (F)	K2003	100 assays
β-Glucuronidase Activity Assay Kit (F)	K514	100 assays
Glutamate Assay Kit (C)	K629	100 assays
PicoProbe™ Glutamate Assay Kit (F)	K413	100 assays
PicoProbe™ Glutamate Carboxypeptidase II Activity Assay Kit	K738	100 assays
Glutamate Carboxypeptidase II Inhibitor Screening Kit (F)	K440	100 assays
Glutamate Decarboxylase Activity Assay Kit (F)	K2021	100 assays
Glutamate Dehydrogenase Activity Assay Kit (C)	K729	100 assays
Glutamate Dehydrogenase Inhibitor Screening Kit (F)	K185	100 assays
PicoProbe™ Glutaminase (GLS) Activity Assay Kit (F)	K455	100 assays
Glutaminase (GLS1) Inhibitor Screening Kit (F)	K479	100 assays
Glutamine Assay Kit (C)	K556	100 assays
Glutamine Synthetase Activity Assay Kit (C)	K2056	100 assays
Glutamine Synthetase Inhibitor Screening Kit (F)	K2059	100 assays
Glutathione Peroxidase Activity Assay Kit (C)	K762	100 assays
Glyceraldehyde 3-Phosphate Assay Kit (F)	K2018	100 assays
Glycerol Cell-Based Assay Kit	K977	100 assays
Glycerol-3-Phosphate (G3P) Assay Kit (C)	K641	100 assays
PicoProbe™ Glycerol-3-Phosphate Assay Kit (F)	K196	100 assays
Glycerol-3-Phosphate Dehydrogenase Activity Assay Kit (C)	K640	100 assays
Glycerophosphorylcholine Assay Kit (C/F)	K433	100 assays
Glycine Assay Kit (F)	K589	100 assays
EZScreen™ Glycogen Assay Kit (384-Well) (C)	K960	400 assays
Glycogen Assay Kit (C/F)	K646	100 assays
Glycogen Assay Kit II (C)	K648	100 assays
Glycogen Phosphorylase Assay Kit (C)	K179	100 assays

Product Name	Cat. No.	Size
Glycolic Acid Assay Kit (F)	K2022	100 assays
Glycoprotein Staining Kit	K2073	20 membranes
Total Glycosaminoglycans Assay Kit (Colorimetric)	K2085	100 assays
Glyoxalase I Activity Assay Kit (C)	K591	100 assays
Glyoxalase II Activity Kit (C)	K460	100 assays
GST Activity Assay Kit (C)	K263	100 assays
GST Activity Assay Kit (F)	K260	100 assays
HAT (H4) Activity Assay Kit (F)	K336	100 assays
HAT Activity Assay Kit (F)	K334	100 assays
HDAC2 Immunoprecipitation (IP) & Activity Assay Kit	K341	25 assays
HDAC3 Activity Assay Kit	K343	100 assays
HDAC3 Immunoprecipitation (IP) & Activity Assay Kit	K344	25 assays
HDAC3 Inhibitor Screening Kit (F)	K363	100 assays
HDAC-5 Inhibitor Screening Kit (F)	K171	100 assays
HDAC8 Inhibitor Screening Kit (F)	K368	100 assays
HDL and LDL/VLDL Quantification Kit (C/F)	K613	100 assays
HDL Uptake Assay Kit (F)	K586	100 assays
Heat Shock Protein Assay Kit (F)	K2024	100 assays
Heme Assay Kit (C)	K672	100 assays
Hepatic Steatosis Assay Kit	K584	100 assays
Hexokinase (HK) Inhibitor Screening Kit (C)	K828	100 assays
PicoProbe™ Hexokinase Activity Assay Kit (F)	K769	100 assays
Hexokinase Assay Kit (C)	K789	100 assays
High Sensitivity Carbohydrate Assay Kit (C)	K2049	100 assays
Histamine Assay Kit (C)	K506	100 assays
Histamine Assay Kit (F)	K386	100 assays
Histidine Decarboxylase Activity Assay Kit (Fluorometric)	K2082	100 assays
HMG-CoA Reductase Activity/Inhibitor Screening Kit (C)	K588	100 assays
Homocysteine Assay Kit (F)	K531	100 assays
Homocysteine Lyase Activity Assay Kit (F)	K2026	100 assay
Human Enolase α Inhibitor Screening Kit (C)	K526	100 assays
Human GAPDH Activity Assay Kit II	K2047	100 assays
Human GAPDH Inhibitor Screening Kit (C)	K2043	100 assay
Human Hexokinase (HK) Inhibitor Screening Kit (C)	K713	100 assays
Human Insulin Fibrillation Inhibitor Screening Kit (Fluorometric)	K2104	100 assays
Human Lactate Dehydrogenase A Inhibitor Screening Kit (C)	K492	100 assays
Human Platelet Isolation Kit	K2071	25 isolations
Hyaluronidase Activity ELISA Kit	E4909	100 assays
Hyaluronidase Inhibitor Screening ELISA Kit	E4911	100 assays
Hydrogen Peroxide Assay Kit (C/F)	K265	200 assays
Hydroxy Acid Oxidase Activity Assay Kit (F)	K2010	100 assays
β -Hydroxybutyrate (β -HB) Assay Kit (C)	K632	100 assays
PicoProbe™ β -Hydroxybutyrate Assay Kit (F)	K651	100 assays
Hydroxyproline Assay Kit (C)	K555	100 assays
Hydroxyproline Assay Kit (Perchlorate-Free)	K226	100 Reactions
Hydroxyurea Assay Kit (C)	K2046	100 assays

Product Name	Cat. No.	Size
IDH1 R132H Mutant Inhibitor Screening Kit (C)	K493	100 assays
20S Immunoproteasome Activity Assay Kit (F)	K2051	100 assays
Indican Assay Kit (Colorimetric)	K2083	100 assays
Influenza Neuraminidase Inhibitor Susceptibility Assay Kit	K524	1000 assays
CD38 (Hydrolase) Inhibitor Screening Kit (Fluorometric)	K2086	100 assays
CD38 (Cyclase) Inhibitor Screening Kit (Fluorometric)	K2102	100 assays
HSP90 α Inhibitor Screening Kit (Fluorometric)	K2106	100 assays
Inorganic Polyphosphate Assay Kit (F)	K2025	100 assay
Inosine Assay Kit (F)	K712	100 assays
Intracellular Hydrogen Peroxide Detection Kit (cell-based)	K204	200 assays
EZCell™ Intracellular Nitric Oxide Synthase (NOS) Detection Kit	K207	100 assays
EZCell™ Intracellular Zinc Staining Kit (Cell-Based)	K525	50 assays
Invertase Activity Assay Kit (C)	K674	100 assays
Iodide Colorimetric Assay Kit	K2037	100 assay
Iron Assay Kit (C)	K390	100 assays
Total Iron-Binding Capacity (TIBC) and Serum Iron Assay Kit (C)	K392	100 assays
Isocitrate Assay Kit (C)	K656	100 assays
Isocitrate Dehydrogenase Activity Assay Kit (C)	K756	100 assays
Isopropanol Dehydrogenase Activity Assay Kit (C)	K698	100 assays
Alpha-Ketoglutarate Assay Kit (C/F)	K677	100 assays
Alpha-Ketoglutarate Dehydrogenase Activity Assay Kit (C)	K678	100 assays
Laccase Activity Assay Kit (C)	K2038	100 assay
EZScreen™ Beta-Lactamase Activity Assay Kit (384-well) (C)	K954	400 assays
Beta-Lactamase Activity Assay Kit (C)	K803	100 assays
Beta-Lactamase Inhibitor Screening Kit (C)	K804	100 assays
EZScreen™ Lactate Assay Kit (384-Well) (C)	K951	384 assays
Lactate Assay Kit (C/F)	K607	100 assays
PicoProbe™ Lactate Assay Kit (F)	K638	100 assays
Lactate Assay Kit II (C)	K627	100 assays
PicoProbe™ Lactate Dehydrogenase Activity Assay Kit	K730	500 assays
Lactose Assay Kit (C/F)	K624	100 assays
PicoProbe™ Lactulose Assay Kit (F)	K662	100 assays
Lipase Activity Assay Kit (C)	K722	100 assays
Lipase Activity Assay Kit III (F)	K724	100 assays
Lipid (Oil Red O) staining Kit	K580	24 ml
Lipid Extraction Kit (Chloroform Free)	K216	50 assays
Lipid Peroxidation (MDA) Assay Kit (C/F)	K739	100 assays
Lipid Peroxidation Assay Kit (C)	K454	100 assays
Lipolysis (3T3-L1) Assay Kit (C)	K577	100 assays
PicoProbe™ Lipolysis (3T3-L1) Assay Kit (F)	K578	100 assays
Lipolysis (Adipocyte) Assay Kit (C/F)	K581	For 5 g Tissue
Lipoprotein Lipase Activity Assay Kit (F)	K721	100 assays
Lithium Assay Kit (C)	K545	100 assays
Lysine Assay Kit (F)	K2005	100 assays
Lysosomal α -Glucosidase (GAA) Activity Assay Kit (F)	K187	100 assays
Magnesium Assay Kit (C)	K385	100 assays

Product Name	Cat. No.	Size
Malate Assay Kit (C)	K637	100 assays
Malate Dehydrogenase Activity Assay Kit (C)	K654	100 assays
PicoProbe™ Malate Dehydrogenase Activity Assay Kit (F)	K538	100 assays
Maltose and Glucose Assay Kit (C/F)	K618	100 assays
Maltose Assay Kit (C/F)	K628	100 assays
Maltose Phosphorylase Activity Kit (F)	K353	100 assays
Methanol Assay Kit (C)	K898	100 assays
Methionine Adenosyltransferase Activity Assay Kit (C)	K2033	100 assay
Methionine Assay Kit (F)	K442	100 assays
Methylglyoxal Assay Kit (C)	K500	100 assays
PicoProbe™ Methylglyoxal Assay Kit (F)	K461	100 assays
Mitochondrial ATP synthase Activity Assay Kit (Colorimetric)	K2112	100 assays
MMP-1 Inhibitor Screening Kit (F)	K794	100 assays
MMP-13 Inhibitor Screening Kit (F)	K2067	100 assays
MMP-14 Inhibitor Screening Kit (F)	K846	100 assays
MMP-2 Inhibitor Screening Kit (F)	K2017	100 assays
MMP-3 Activity Assay Kit (F)	K783	100 assays
MMP-3 Inhibitor Screening Kit (F)	K793	100 assays
MMP-9 Inhibitor Screening Kit (F)	K844	100 assays
Monoamine Oxidase A (MAO-A) Inhibitor Screening Kit (F)	K796	100 assays
Monoamine Oxidase Activity (Total MAO/MAO-A/MAO-B) Assay Kit (F)	K795	100 assays
Monoamine Oxidase B (MAO-B) Inhibitor Screening Kit (F)	K797	100 assays
Mutant Isocitrate Dehydrogenase (Mutant IDH) Activity Assay Kit (C)	K985	100 assays
Myeloperoxidase (MPO) Activity Assay Kit (C)	K744	100 assays
Myeloperoxidase (MPO) Activity Assay Kit (F)	K745	100 assays
Myeloperoxidase (MPO) Inhibitor Screening Kit (F)	K746	200 assays
Myeloperoxidase (MPO) Peroxidation Activity Assay Kit	K747	100 assays
PicoProbe™ myo-Inositol Assay Kit (F)	K469	100 assays
EZClick™ Myristoylated Protein Assay Kit (FACS/Microscopy), Green Fluorescence	K497	100 assays
EZClick™ Myristoylated Protein Assay Kit, Red Fluorescence	K177	100 assays
N ⁻ Nicotinamide Methyltransferase (NNMT) Inhibitor Screening Assay Kit	K822	100 assays
N-Acetylcysteine Assay Kit (F)	K2044	100 assays
β-N-Acetylglucosaminidase Activity Assay Kit (C)	K733	100 assays
NAD/NADH Quantitation Kit (C)	K337	100 assays
EZScreen™ NAD ⁺ /NADH Assay Kit (384-well) (C)	K958	400 assays
PicoProbe™ NADH Assay Kit (F)	K338	100 assays
NADH Oxidase Activity Assay Kit (C)	K2028	100 assay
NADH Oxidase Activity Assay Kit (F)	K2019	100 assays
NADP/NADPH Quantitation Kit (C)	K347	100 assays
PicoProbe™ NADPH Quantitation Assay Kit (F)	K349	100 assays
2-NBDG Glucose Uptake Assay Kit (Cell-Based)	K682	50 assays
Neuraminidase Activity Assay Kit (F)	K732	100 assays
Neutrophil Elastase Inhibitor Screening Kit (F)	K782	100 assays
Nickel Assay Kit (C)	K510	100 assays
Nicotinamide N-methyltransferase Inhibitor Screening Kit II (F)	K2081	100 assays
Nitric Oxide Assay Kit (C)	K262	200 assays

Product Name	Cat. No.	Size
Nitric Oxide Assay Kit (F)	K252	200 assays
Nitric Oxide Cell-Based HTS Assay Kit	K979	100 assays
Nitric Oxide Synthase (NOS) Activity Assay Kit (C)	K205	100 assays
Nitric Oxide Synthase (NOS) Activity Assay Kit (F)	K206	100 assays
Nitric Oxide Synthase (NOS) Activity Assay Kit II (Colorimetric)	K2094	100 assays
Nitric Oxide Synthase (NOS) Inhibitor Screening Kit (F)	K208	100 assays
Nitrite Assay Kit (Griess Reagent)	K544	200 assays, 500 assays, 1000 assays
Non-Alcoholic Fatty Liver Disease (NAFLD) Detection Kit	K489	100 assays
EZClick™ O-GalNAc Modified Glycoprotein Assay Kit	K560	100 assays
EZClick™ O-GlcNAc Modified Glycoprotein Assay Kit	K714	100 assays
Ornithine Assay Kit (F)	K939	100 assays
Ornithine Decarboxylase I (ODC1) Inhibitor Screening Kit (C)	K176	100 assays
Oxalate (Oxalic Acid) Assay Kit (C)	K663	100 assays
Oxalate Decarboxylase Activity Assay Kit (C)	K664	100 assays
Oxalate Oxidase Activity Assay Kit (F)	K509	100 assays
Oxaloacetate Assay Kit (C/F)	K659	100 assays
p300 Inhibitor Screening Assay Kit (F)	K346	100 assays
PAF Acetylhydrolase (PAF-AH) Inhibitor Screening Kit (C)	K766	100 assays
PAF Acetylhydrolase Activity Assay Kit (C)	K765	100 assays
PAH (p-Aminohippuric Acid) Assay Kit (C)	K860	100 assays
EZClick™ Palmitoylated Protein Assay Kit (FACS/Microscopy), Green Fluorescence	K452	100 assays
EZClick™ Palmitoylated Protein Assay Kit (FACS/Microscopy), Red Fluorescence	K416	100 assays
pCAF Inhibitor Screening Kit (F)	K345	100 assays
PEP Assay Kit (C/F)	K365	100 assays
Peroxidase Activity Assay Kit (C/F)	K772	100 assays
PicoProbe™ 15-PGDH Activity Assay Kit (F)	K562	100 assays
Phenolic Compounds Assay Kit (C)	K527	200 assays
Phenylalanine Ammonia-Lyase Activity Assay Kit (F)	K2055	100 assays
Phenylalanine Assay Kit (C)	K481	100 assays
Phenylalanine Assay Kit (F)	K572	100 assays
Phosphate Assay Kit (C)	K410	500 assays
PicoProbe™ Phosphate Assay Kit (F)	K419	100 assays
Phosphate Assay Kit (F)	K420	100 assays
Phosphatidylcholine Assay Kit (C/F)	K576	100 assays
Phosphatidylglycerol Assay Kit (F)	K488	100 assays
PicoProbe™ Phosphatidylinositol Assay Kit (F)	K750	100 assays
Total Phosphodiesterase Activity Assay Kit (F)	K927	100 assays
Phosphoenolpyruvate Carboxykinase 1 Inhibitor Screening Kit	K2012	100 assays
Phosphoenolpyruvate Carboxykinase Activity Assay Kit (C)	K359	100 assays
Phosphoenolpyruvate Carboxylase Activity Assay Kit (C)	K443	100 assays
Phosphofructokinase (PFK) Activity Assay Kit (C)	K776	100 assays
Phosphoglucomutase Assay Kit (C)	K774	100 assays
PicoProbe™ Phosphoglucomutase Assay Kit (F)	K770	100 assays
6-Phosphogluconate Dehydrogenase Activity Assay Kit (C)	K540	100 assays
6-Phosphogluconic Acid (6-PGA) Assay Kit (C)	K217	100 assays

Product Name	Cat. No.	Size
Phosphoglucose Isomerase Activity Assay Kit (C)	K775	100 assays
2-Phosphoglycerate Assay Kit (C/F)	K778	100 assays
Phosphoglycerate Dehydrogenase (PHGDH) Activity Assay Kit (C)	K569	100 assays
Phosphoglycerate Kinase Activity Assay Kit (C)	K194	100 assays
Phosphoglycerate Mutase Activity Assay Kit (C/F)	K2007	100 assays
Phospholipase A2 Activity Assay Kit (F)	K400	100 assays
Phospholipase C Activity Assay Kit (C)	K2016	100 assays
Phospholipase D (PLD) Activity Assay Kit (C)	K725	100 assays
Phospholipid Assay Kit (C/F)	K351	100 assays
Phytase Activity Assay Kit (F)	K2054	100 assays
Plant Tissue Extraction Kit	K296	50 assays
Plasma Kallikrein Activity Assay Kit (C)	K997	100 assays
PLTP Activity Assay Kit II (F)	K593	100 assays
PLTP Inhibitor Drug Screening Kit (F)	K605	100 assays
PNGase F Deglycosylation Kit	K2061	100 assays
Total Polyamine Assay Kit (F)	K475	100 assays
Potassium (Serum) Detection Assay Kit (F)	K940	100 assays
PPDK (Pyruvate, phosphate dikinase) Activity Assay Kit (C/F)	K456	100 assays
Preadipocyte Isolation Kit	K583	For 5 g Tissue
PicoProbe™ Proline Assay Kit (F)	K2020	100 assays
Protease Activity Assay Kit (F)	K781	100 assays
Protein Carbonyl Content Assay Kit	K830	100 assays
Protein Carbonyl Content Assay Kit (F)	K563	100 assays
Protein Carbonyl ELISA Kit	E4910	100 assays
Protein Disulfide Isomerase (PDI) Activity Assay Kit (F)	K949	100 assays
Protein Disulfide Isomerases (PDI) Inhibitor Screening Kit (F)	K840	100 assays
Protein Tyrosine Phosphatase Activity Assay Kit (F)	K829	100 assays
Purine Nucleoside Phosphorylase Activity Assay Kit (C)	K768	100 assays
Purine Nucleoside Phosphorylase Activity Assay Kit (F)	K767	100 assays
Pyridoxal 5'-phosphate (Vit B6) Assay Kit (F)	K2009	100 assays
Pyrophosphate (PPi) Assay Kit (C/F)	K568	100 assays
Pyruvate Assay Kit (C/F)	K609	100 assays
Pyruvate Carboxylase Activity Assay Kit (Colorimetric)	K2075	100 assays
Pyruvate Dehydrogenase (PDH) Activity Assay Kit (C)	K679	100 assays
Pyruvate Kinase Activity Assay Kit (C/F)	K709	100 assays
Rat Renin Activity Assay Kit (F)	K806	100 assays
Rat Renin Inhibitor Screening Kit (F)	K798	100 assays
Reactive Oxygen Species (ROS) Detection Assay Kit	K936	250 assays
Reduced Glutathione (GSH) Assay Kit (C)	K464	100 assays
PicoProbe™ Reduced Glutathione (GSH) Assay Kit (F)	K740	100 assays
Renin Activity Assay Kit (F)	K800	100 assays
Renin Inhibitor Screening Kit (F)	K799	100 assays
Sarcosine Assay Kit (C/F)	K636	100 assays
EZClick™ Sialic Acid (ManAz) Modified Glycoprotein Assay Kit	K441	100 assays
Sialic Acid (NANA) Assay Kit (C/F)	K566	100 assays

Product Name	Cat. No.	Size
Sialyltransferase Activity Assay Kit (F)	K2048	100 assays
SIRT1 Inhibitor/Activator Screening Kit (F)	K325	100 assays
SIRT6 Inhibitor Screening Kit (F)	K323	100 assays
Sirtuin Activity Assay Kit (F)	K324	100 assays
Sodium Assay Kit (C)	K391	100 assays
Soluble Collagen Assay Kit (F)	K532	100 assays
Sorbitol Dehydrogenase Activity Assay Kit (C)	K935	100 assays
Sphingomyelin Quantification Assay Kit (C)	K600	100 assays
Sphingomyelinase Activity Assay Kit (C)	K599	100 assays
Sphingomyelinase Activity Assay Kit (F)	K574	100 assays
Starch Assay Kit (C/F)	K647	100 assays
EZClick™ Stearoylated Protein Assay Kit (FACS/Microscopy), Green Fluorescence	K453	100 assays
EZClick™ Stearoylated Protein Assay Kit (FACS/Microscopy), Red Fluorescence	K418	100 assays
Succinate (Succinic Acid) Assay Kit (C)	K649	100 assays
Succinate Dehydrogenase Activity Assay Kit (C)	K660	100 assays
Succinyl-CoA Synthetase Activity Assay Kit (C)	K597	100 assays
Sucrose Assay Kit (C/F)	K626	100 assays
Sucrose Phosphorylase Activity Assay Kit (C)	K2034	100 assay
Sulfatase Activity Assay Kit (C)	K675	100 assays
Sulfate Assay Kit	K415	200 assays
Sulfated-Glycosaminoglycans Assay Kit	K2074	100 assays
Total Sulfite Assay Kit (C)	K699	100 assays
3T3-L1 Differentiation Kit	K579	For 100 ml differentiation medium
TACE Inhibitor Screening Assay Kit (F)	K366	100 assays
Taurine Assay Kit (C)	K988	100 assays
TFEB Transcription Factor Activity Assay Kit (Colorimetric)	K2088	100 assays
EZCell™ Thiol Detection Kit	K2063	100 assays
Thioredoxin Reductase Activity Assay Kit (C)	K763	100 assays
PicoProbe™ Threonine Assay Kit (F)	K463	100 assays
TMRE Mitochondrial Membrane Potential Assay Kit (F)	K238	200 assays
Transketolase Activity Assay Kit (F)	K2004	100 assays
PicoProbe™ Triglyceride (TG) Assay Kit (F)	K614	100 assays
EZScreen™ Triglyceride Quantification Assay Kit (384-well) (C)	K952	400 assays
Triglyceride Quantification Kit (C/F)	K622	100 assays
Triose Phosphate Isomerase (TPI) Activity Assay Kit (C)	K670	100 assays
Tryptophan Assay Kit (F)	K557	100 assays
Tyrosinase Activity Assay Kit (C)	K742	100 assays
Tyrosinase Inhibitor Screening Kit (C)	K575	100 assays
PicoProbe™ Tyrosine Aminotransferase Activity Assay Kit (F)	K486	100 assays
Tyrosine Assay Kit (C)	K573	100 assays
ADPsensor™ Universal Kinase Activity Assay Kit	K212	100 assays
Urea Assay Kit (C)	K375	100 assays
Urea Assay Kit II (C)	K376	100 assays
Urease Activity Assay Kit (C)	K378	100 assays

Product Name	Cat. No.	Size
Urease Inhibitor Screening Kit (Colorimetric)	K2079	100 assays
Uric Acid Assay Kit (C/F)	K608	100 assays
Uricase Activity Assay Kit (F)	K734	100 assays
Urokinase Activity Assay Kit (F)	K728	100 assays
Urokinase Inhibitor Screening Kit (F)	K727	100 assays
Xanthine Oxidase Activity Assay Kit (C/F)	K710	100 assays
Xanthine/Hypoxanthine Assay Kit (C/F)	K685	100 assays
β -Xylosidase Activity Assay Kit (F)	K981	100 assays
Zinc Assay Kit (C)	K387	100 assays
Zinc Assay Kit (F)	K428	100 assays

*C: Colorimetric; F: Fluorometric

Please visit our website www.BioVision.com for a complete list of Metabolism Assay Kits.