

Hepatic Biomarkers

Numerous hepatic biomarkers, such as LDH, have been validated to diagnose physiological and pathological conditions. BioVision offers one of the most comprehensive series of research kits utilized for the study of hepatic markers. Our products have been validated with human serum, plasma, urine, and cell/tissue lysates.

Key Features:

- **Non-radioactive, versatile assays** (Microplate)
- **Specific**, homogeneous assay
- **Sensitive:** colorimetric/fluorometric format
- **Convenient:** minimal sample preparation, fast protocols (< 2 hours)
- **Cost effective:** 100 assays; High Throughput Screening (HTS) compatible
- **Adaptable:** works with most of the commonly available instrumentations

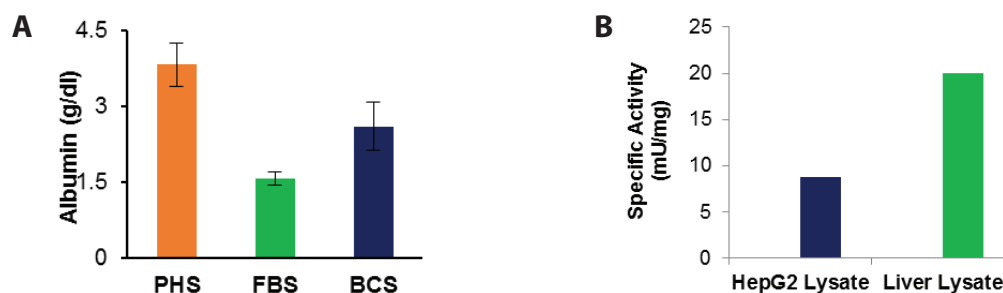


Figure: (A). Albumin concentration in pooled human serum (PHS), fetal bovine serum (FBS), and Bovine calf serum using **K554**. (B). Measurement of Alanine aminotransferase activity in HepG2 cells and liver lysate using **K752**.

Target	Cat. No.	Marker	Sample Application
Alanine Aminotransferase (ALT)	K752-100	Liver Damage	Serum, cell/tissue lysate
Albumin (Fluorometric)	K550-100	Liver Damage	Urine, saliva
Albumin (BCG-Colorimetric))	K554-100	Liver Damage	Serum
Albumin to Creatinine (ACR)	K551-100	Liver Disease	Urine
Alkaline Phosphatase (ALP-Colorimetric)	K412-500	Liver Damage	Serum, plasma, cell lysate
Alkaline Phosphatase (ALP-Fluorometric)	K422-500	Liver Damage	Serum, plasma, urine, others
Ammonia (Colorimetric)	K370-100	Cirrhosis/Hepatitis	Cell/tissue lysate
Ammonia (Fluorometric)	K470-100	Cirrhosis/Hepatitis	Cell/tissue lysate
Aspartate Aminotransferase (AST/SGOT)	K753-100	Liver Disease	Serum, tissue lysate
Bilirubin	K553-100	Jaundice/Anemia	Serum
Ceruloplasmin Activity Colorimetric Assay Kit	K669-100	Jaundice	Serum
Gamma-Glutamyltransferase (Colorimetric)	K784-100	Bile Duct Damage	Serum, cell/tissue lysate
Gamma-Glutamyltransferase (Fluorometric)	K785-100	Bile Duct Damage	Serum, cell/tissue lysate
Alpha-Fucosidase (Colorimetric)	K224-100	Hepatic carcinoma	Serum, plasma, others
Alpha-Fucosidase (Fluorometric)	K542-100	Hepatic carcinoma	Serum, plasma, others
Lactate Dehydrogenase-Colorimetric	K726-500	Liver Damage	Cell/tissue lysate
Lactate Dehydrogenase-Fluorometric	K730-500	Liver Damage	Serum, plasma, cell/tissue lysate
Non-Alcoholic Fatty Liver Disease (NAFLD)	K489-100	Fatty Liver	Serum, tissue lysate

Please visit www.BioVision.com to see the full range of Metabolism Assays from BioVision and check out our flyers.

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