

TECHNICAL PRODUCT SUMMARY

Metabolic Indicators

LIVER FUNCTION

Cat. No.	Description	Source	Purity
B0114	Bilirubin Conjugate	Synthetic	≥97.5%

VITAMIN ABSORPTION

Cat. No.	Description	Source	Characterization
B0522	Folate Binding Protein	Bovine	Report Activity & Purity
B1121	Intrinsic Factor	Porcine	Report Activity & Purity

Intended Use: All Products are for Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

Liver Function

Bilirubin is one of two bile pigments involved in the reabsorption and excretion of the components generated during erythrocyte breakdown and removal. Several clinical conditions result in elevated serum levels of conjugated and unconjugated bilirubin, such as pernicious anemia, infective hepatitis, Gilbert's disease, and many types of jaundice: hemolytic, obstructive, and hepatocellular.

Vitamin Absorption

Folate Binding Protein exhibits a strong affinity for human folic acid, making it useful in the development of folic acid serum assays. The determination of serum folate levels is useful in the diagnosis of megaloblastic anemia and malnutrition. In addition, serum folate levels are severely depressed in alcoholic individuals.

Intrinsic Factor is one of four important secretions of the gastric mucosa, along with hydrochloric acid, pepsin, and mucus. It is required for the absorption of vitamin B12 in the ileum. Vitamin B12 deficiency leads to pernicious anemia which is caused by malabsorption due to defective transport systems, parasitic infections, or surgical removal of the stomach. Purified Intrinsic Factor is useful in the development of assays to determine serum B12 levels.

ISO 9001:2015