

# Understanding Blood Chemistry Results

## Liver

Metabolism, detoxification, energy production.

**ALT-** Liver Specific Enzyme

**AST-** Liver/Muscle Enzyme

**ALP-** Liver/Adrenal/Bone Enzyme

**BIL-** Bilirubin

**GGT-** Gall Bladder Value

## Kidneys

Blood filtration, hormones, fluid balance.

**BUN-** Blood Urea Nitrogen

**CREAT-** Creatinine

## Electrolytes

Cellular function.

**Na-** Sodium

**K-** Potassium

**Phos-** Phosphorus

**Cl-** Chloride

**Ca-** Calcium

## Pancreas

Insulin production, glucose, digestion.

**Amy-** Amylase

**Lip-** Lipase

## Protein

**Glob-** Globulins

**Alb-** Albumin

**TP-** Total Protein

## Fats

Energy, hormone production, food digestion.

**Chol-** Cholesterol

**Tri-** Triglycerides

## Blood Sugar

Energy, diabetes.

**Glu-** Glucose

**Liver-** Metabolism, detoxification, energy production.

**Kidneys-** Blood filtration, hormones, fluid balance.

**Electrolytes-** Cellular function.

**Protein-** Immune system, blood pressure, transportation of hormones, enzymes, and drugs.

**Pancreas-** Insulin production, glucose, digestion.

**Gall bladder-** Digestion of fat, store bile.

**Fats-** Energy, hormone production, food digestion.

**Glucose-** Energy.