

**Chargen-B.: 664UN**  
**Inhalt: 12 x 5ml****Artikel-Nr.: KG5048**  
**Verwendbar bis: 2012-01****INTENDED USE**

Liquid Chemistry Premium is intended for in-vitro diagnostic use in the quality control of clinical chemistry systems.

**DEVICE DESCRIPTION**

The unassayed chemistry controls are supplied at 2 levels, level 2 and 3.

**SAFETY PRECAUTIONS AND WARNINGS**

For in vitro diagnostic use only. Do not pipette by mouth. Exercise the normal precautions required for handling laboratory reagents.

Human source material from which this product has been derived has been tested at donor level for the Human Immunodeficiency Virus (HIV 1, HIV 2) antibody, Hepatitis B Surface Antigen (HbsAg), and Hepatitis C Virus (HCV) antibody and found to be NON-REACTIVE. FDA approved methods have been used to conduct these tests.

However, since no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious diseases and disposed of accordingly.

Health and Safety Data Sheets are available on request.

**STORAGE AND STABILITY**

**OPENED:** Store refrigerated (+2 to 8°C). Thawed serum is stable for 7 days at +2 to +8°C, with the following exceptions: Folate and Vitamin B12 are stable for 5 days at +2 to +8°C. Only the required amount of product should be removed. After use, any residual product should NOT BE RETURNED to the original vial.

**UNOPENED:** Store frozen at -20°C to -80°C. Stable to expiration date printed on individual vials. (See limitations)

**LIMITATIONS**

For Total & Prostatic Acid Phosphatase the material should be stabilized by adding 1 drop (25-30 $\mu$ l) of 0.7M Acetic acid solution to 1ml of the serum after thawing. After stabilization Total & Prostatic Acid Phosphatase is stable for 7 days at +2 to +8°C.

Bilirubin in the serum is light sensitive and it is recommended that the serum be stored in the dark.

Total and Direct Bilirubin values will gradually decrease during the products shelf life.

Bacterial contamination of the reconstituted serum will cause reductions in the stability of many components.

The control should not be used as a calibration material.

**PREPARATION**

1. Allow the frozen control to thaw at room temperature (+18°C to 25°C) until completely thawed. Swirl the contents to ensure homogeneity.
2. Refer to the control section of the individual analyser application.
3. Refrigerate any unused material. Prior to reuse, mix contents thoroughly.

**MATERIALS PROVIDED**

Liquid Chemistry Premium Level 2 12 x 5ml

**MATERIALS REQUIRED BUT NOT PROVIDED**

None

**ANALYTES**

Albumin (electrophoresis); Alpha-1-globulin (electrophoresis); Alpha-2-globulin (electrophoresis); Beta-globulin (electrophoresis); Gamma-globulin (electrophoresis); É-HBDH; Acid Phosphatase (Prostatic); Acid Phosphatase (Total); Albumin; Alkaline Phosphatase; Alpha-1-Acid Glycoprotein; Alpha-1-Antitrypsin; Alphafoetoprotein; ALT (GPT); Amylase Pancreatic; Amylase Total; Apolipoprotein A-1; Apolipoprotein B; AST (GOT); Bicarbonate; Bile Acids; Bilirubin Direct; Bilirubin Total; C-Reactive Protein; Caeruloplasmin; Calcium; Carbamazepine; Carcinoembryonic Antigen (CEA); Chloride; Cholesterol; Cholinesterase; CK Total; Complement C3; Complement C4; Copper; Cortisol; Creatinine; D-3-Hydroxybutyrate; Digoxin; Ethanol; Ferritin; Folate; Free T3; Free Thyroxine (FT4); Gamma-GT; GLDH; Glucose; Haptoglobin; HDL-Cholesterol; Human Chorionic Gonadotrophin; Immunoglobulin A; Immunoglobulin E; Immunoglobulin G; Immunoglobulin M; Iron; Lactate; LAP; LD (LDH); LDL-Cholesterol; Lipase; Lipoprotein (a); Lithium; Magnesium; Myoglobin; Osmolality; Paracetamol; Phenobarbitone; Phenytoin; Phosphate Inorganic; Potassium; Prealbumin; Prolactin; Protein Total; Salicylate; Sodium; Theophylline; Thyroid Stimulating Hormone; Thyroxine (T4); TIBC; Transferrin; Triglycerides; Triiodothyronine (T3); Troponin I; Troponin T; Urea; Uric Acid (Urate); Valproic Acid; Vancomycin; Vitamin B12; Zinc.

**TYPICAL VALUES FOR THIS UNASSAYED CONTROL CAN BE OBTAINED AT: [www.biogentechnologies.de](http://www.biogentechnologies.de)**