

GPT

Native Human GPT / ALT Active, Liver

| | | | |
|--|--|------------------|-------|
| Catalog No. | CSI14644A | Quantity: | 150 U |
| Alternate Names: | Alanine aminotransferase 1, ALT1, Glutamate pyruvate transaminase 1, GPT 1 | | |
| Description: | Alanine transaminase or ALT is found in serum and in various bodily tissues, but is most commonly associated with the liver. It catalyzes the reversible transamination between alanine and 2-oxoglutarate to generate pyruvate and glutamate and plays a key role in the intermediary metabolism of glucose and amino acids. Serum activity levels of this enzyme are routinely used as a biomarker of liver injury caused by drug toxicity, infection, alcohol, and fatty liver disease. | | |
| UniProt ID: | P24298 | | |
| Source: | Human liver | | |
| Molecular Weight: | 55 kDa | | |
| Formulation: | PBS containing 0.05% sodium azide | | |
| Purity: | Partially purified | | |
| Biological Activity: | > 300 IU/ml by Roche Cobas c501, lot specific | | |
| Storage & Stability: | Store at -80°C for up to 1 year. Avoid repeated freeze-thaw cycles. | | |
| Non-Infectious Disease Certification: | Donor tissue was non-reactive for HIV-1/HCV/HBV by NAT; Syphilis, HBcAg, HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009. | | |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

