

## **5' Nucleotidase, Serum #8692**

**ATTENTION:** Due to assay performance issues and limited clinical utility, test #8692, 5'Nucleotidase, Serum, will be made obsolete effective April 8, 2011. Serum 5'NT testing has historically been used in the diagnosis of cholestasis, as increases in 5'NT activity are specific but not sensitive for cholestatic disorders. It was utilized primarily when there was an increased total alkaline phosphatase result, if it was uncertain whether the increase in alkaline phosphatase was due to liver, bone, or placental isoforms. Today, bone alkaline phosphatase assays, often in combination with Gamma-Glutamyltransferase (GGT) assays, can effectively differentiate the source of an elevated alkaline phosphatase result and therefore 5'NT is of little to no added value in the clinical diagnosis of hepatobiliary diseases.

**RECOMMENDED ALTERNATIVE TESTS:**

- Alkaline Phosphatase, Serum (Test #8340)
- Bone Alkaline Phosphatase, Serum (Test #82985)
- Gamma-Glutamyltransferase (GGT), Serum (Test #8677)

**NOTE:** Test ordering and set-up information for the tests above can be found at [www.mayomedicallaboratories.com](http://www.mayomedicallaboratories.com)