

# Product Data Sheet

## Aspartate Aminotransferase

| Catalog #                | Source                                                                                                                                                                                                                                    | Reactivity | Applications |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CZM1083                  | E.coli                                                                                                                                                                                                                                    |            |              |
| <b>Description</b>       | Recombinant Aspartate Aminotransferase from E.coli                                                                                                                                                                                        |            |              |
| <b>Specificity</b>       | >10 U/mg protein, >5 U/mg powder                                                                                                                                                                                                          |            |              |
| <b>Form</b>              | Light yellow lyophilized powder                                                                                                                                                                                                           |            |              |
| <b>Alternative Names</b> | EC 2.6.1.1; AST; aspartate aminotransferase; sgot AspAT; ASAT; AAT; serum glutamic oxaloacetic transaminase; SGOT; pyridoxal phosphate PLP-dependent transaminase enzyme; EC 2.6.1.1; 9000-97-9; Glutamate oxaloacetate transaminase; GOT |            |              |
| <b>CAS Number</b>        | 9000-97-9                                                                                                                                                                                                                                 |            |              |
| <b>Molecular Weight</b>  |                                                                                                                                                                                                                                           |            |              |
| <b>Purity</b>            | >90%                                                                                                                                                                                                                                      |            |              |
| <b>Unit Definition</b>   |                                                                                                                                                                                                                                           |            |              |
| <b>Storage/Stability</b> | Shipped at 4° C. Store at -20° C for 2 years.                                                                                                                                                                                             |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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