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## Product Datasheet

### Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit BYT-ORB3146988

|                            |  |
|----------------------------|--|
| Article Name               | Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit   |
| Biozol Catalog Number      | BYT-ORB3146988   |
| Supplier Catalog Number    | orb3146988   |
| Alternative Catalog Number | BYT-ORB3146988-48, BYT-ORB3146988-5, BYT-ORB3146988-50, BYT-ORB3146988-96  |
| Manufacturer               | Biorbyt  |
| Category                   | Kits/Assays  |
| Application                | ELISA  |
| Species Reactivity         | Human  |
| Product Description        | This Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit employs a two-site sandwich ELISA to quantitate PDHB.... |
| Range                      | Please inquire   |
| Sensitivity                | Please inquire   |
| Samples                    | Cell culture supernatantsSerumPlasmaOther biological fluids  |

Application Notes

Application Notes: This Human Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHB) ELISA Kit employs a two-site sandwich ELISA to quantitate PDHB in samples. An antibody specific for PDHB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDHB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDHB is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PDHB bound in the initial step. The color development is stopped and the intensity of the color is measured