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## Product Datasheet

### Human NADH-ubiquinone oxidoreductase chain 4 (MT-ND4) ELISA Kit ASC-KTE61488

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human NADH-ubiquinone oxidoreductase chain 4 (MT-ND4) ELISA Kit                                                                 |
| Biozol Catalog Number      | ASC-KTE61488                                                                                                                    |
| Supplier Catalog Number    | KTE61488                                                                                                                        |
| Alternative Catalog Number | ASC-KTE61488-48, ASC-KTE61488-96                                                                                                |
| Manufacturer               | Abbkine Scientific                                                                                                              |
| Category                   | Kits/Assays                                                                                                                     |
| Application                | ELISA                                                                                                                           |
| Species Reactivity         | Human                                                                                                                           |
| Product Description        | This Human NADH-ubiquinone oxidoreductase chain 4 (MT-ND4) ELISA Kit employs a two-site sandwich ELISA to quantitate MT-ND4.... |
| Range                      | Please inquire                                                                                                                  |
| Sensitivity                | Please inquire                                                                                                                  |
| Tag                        | MT-ND4                                                                                                                          |
| NCBI                       | <a href="#">4538</a>                                                                                                            |
| UniProt                    | <a href="#">P03905</a>                                                                                                          |
| Samples                    | Cell culture supernatantsSerumPlasmaOther biological fluids                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Application Notes | <p>This Human NADH-ubiquinone oxidoreductase chain 4 (MT-ND4) ELISA Kit employs a two-site sandwich ELISA to quantitate MT-ND4 in samples. An antibody specific for MT-ND4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MT-ND4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MT-ND4 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 MT-ND4 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> |
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