



## Enzyme linked Immunosorbent Assay (ELISA) for Quantitative Determination of Total 25-OH Vitamin-D in Human Serum

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|----------------------------|---|
| <b>Application</b>         | For the quantitative determination of Total 25-Hydroxy (25-OH) Vitamin-D in human serum.  |
| <b>Principle</b>           | Sandwich based Enzyme linked immunoassay (ELISA)  |
| <b>Reagents</b>            | <ul style="list-style-type: none"> <li>• <b>Coated microwells:</b> 96 microwells (3x8 wells x 4) are coated with monoclonal anti-25-OH vitamin-D antibody.</li> <li>• Vitamin-D Sample Diluent. Ready to use.</li> <li>• <b>Standards:</b> Vitamin-D standards with desired concentration for calibration.</li> <li>• Two levels of Controls.</li> <li>• <b>Vitamin-D Enzyme Conjugate:</b> Ready to use.</li> <li>• <b>Substrate:</b> Solution containing Tetramethyl benzidine (TMB) and hydrogen peroxide. Ready to use.</li> <li>• <b>Wash buffer:</b> Buffer containing surfactants (20X). To be diluted 20 times with distilled water or deionized water.</li> <li>• <b>Stop solution:</b> Diluted Sulphuric acid.</li> </ul> |
| <b>Test duration</b>       | 40 minutes  |
| <b>Storage / Stability</b> | 2-8°C, 12 months  |

| Presentation   | Pack     | Cat.No.   |
|--|----------|-----------|
| <b>QUALISA 25-OH Vitamin-D kit</b><br>contains: <ul style="list-style-type: none"> <li>• Microwell strips (3 x 8 wells/pouch)</li> <li>• Reagents</li> <li>• Accessories</li> <li>• Standards</li> </ul> | 96 Tests | 409010096 |
|  | 48 Tests | 409010048 |