



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

<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> 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