

Product Datasheet

Human Thymopentin (TP5) ELISA Kit (orb1946834)

Catalog Number	orb1946834
Category	Assays and Kits
Description	Human Thymopentin (TP5) ELISA Kit
Target	TP5
Reactivity	Human
Application notes	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human TP5. During the reaction, Human TP5 in the sample or standard competes with a fixed amount of Human TP5 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human TP5. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Human TP5 in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p>
Assay Type	Competitive
Assay Time	1.5H
Standard	100ng/mL
Range	1.57-100ng/mL
Sensitivity	0.94 ng/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

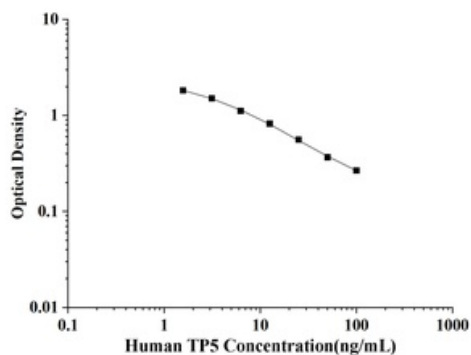
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Note For research use only

Expiration Date 6 months from date of receipt.



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Durham
NC 27713
United States

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