



## **Product Datasheet**

Rat CACT(Carnitine-Acylcarnitine Translocase) ELISA Kit (orb1946990)

# biorbyt

### Descriptionnts.

Rat CACT(Carnitine-Acylcarnitine

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Reactivity	Rat	Christol Demais
Range	0.32-20ng/mL	0
Target	CACT	U I McOcTCons
Note	For research use only	
Application notes	This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CACT. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat CACT and Avidin- Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CACT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme- substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Rat CACT. You can calculate the concentration of Rat CACT in the samples by comparing the OD of the samples to the standard curve.	
Sample Types	serum, plasma, Tissue homogenate and Other biological samples	
Uniprot ID	P97521	
Sensitivity	0.19 ng/mL	
Expiration Date	Please enquire.	

#### Biorbyt Ltd

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

#### Biorbyt LLC

68 TW Alexander Drive<br>Research Triangle Park<br>Durham, North Carolina<br>27709. United States Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558