### www.biorbyt.com



## **Product Datasheet**

# Human ApoB(Apolipoprotein B) ELISA Kit (orb1807686)

| Description       | Human ApoB(Apolipoprotein B) ELISA Kit   | 9                |
|-------------------|--|------------------|
| Reactivity        | Human  | î l              |
| Range             | 0.78-50 ng/mL  | Contrast Dentity |
| Target            | APOB100  | UI               |
| Note              | For research use only  | -                |
| Application notes | This ELISA kit uses the Sandwich-ELISA<br>principle. The micro ELISA plate provided in<br>this kit has been pre-coated with an antibody<br>specific to Human ApoB. Standards or<br>samples are added to the micro ELISA plate<br>wells and combined with the specific<br>antibody. Then a biotinylated detection<br>antibody specific for Human ApoB and Avidin-<br>Horseradish Peroxidase (HRP) conjugate are<br>added successively to each micro plate well<br>and incubated. Free components are washed<br>away. The substrate solution is added to each<br>well. Only those wells that contain Human<br>ApoB, biotinylated detection antibody and<br>Avidin-HRP conjugate will appear blue in color.<br>The enzyme-substrate reaction is terminated<br>by the addition of stop solution and the color<br>turns yellow. The optical density (OD) is<br>measured spectrophotometrically at a<br>wavelength of 450 nm $\pm 2$ nm. The OD value<br>is proportional to the concentration of Human<br>ApoB. You can calculate the concentration of<br>Human ApoB in the samples by comparing the<br>OD of the samples to the standard curve. |                  |
| Sample Types      | serum, plasma  |                  |
| Sensitivity       | 0.47 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