

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

### Human Benzo Pyrene Dihydrodiol Epoxide (BPDE) ELISA Kit BYT-ORB1946826

|                          |   |
|--------------------------|---|
| Artikelname              | Human Benzo Pyrene Dihydrodiol Epoxide (BPDE) ELISA Kit       |
| Artikelnummer            | BYT-ORB1946826  |
| Hersteller Artikelnummer | orb1946826  |
| Alternativnummer         | BYT-ORB1946826-48,BYT-ORB1946826-96                           |
| Hersteller               | Biorbyt   |
| Kategorie                | Kits/Assays   |
| Spezies Reaktivität      | Human   |
| Produktbeschreibung      | Human Benzo Pyrene Dihydrodiol Epoxide (BPDE) ELISA Kit...    |
| Detektionsbereich        | 15.63-1000ng/mL   |
| Sensitivitaet            | 9.38 ng/mL  |
| Proben                   | serum, plasma, Tissue homogenate and Other biological samples |
| Target-Kategorie         | BPDE  |

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human BPDE. During the reaction, Human BPDE in the sample or standard competes with a fixed amount of Human BPDE on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human BPDE. 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 BPDE in tested samples can be calculated by comparing the OD of the samples to the standard curve