

Product Datasheet

Human Dual Specificity Phosphatase 6 (DUSP6) ELISA Kit (orb777583)

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|----------------------------|---|
| Catalog Number | orb777583 |
| Category | Assays and Kits |
| Description | The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Dual Specificity Phosphatase 6(DUSP6). |
| Reactivity | Human |
| Concentration | 20 ng/mL |
| UniProt ID | Q16828 |
| Tested applications | ELISA |
| Application notes | standard: 20 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DUSP6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DUSP6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human DUSP6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Human DUSP6 in the samples is then determined by comparing the OD of the samples to the standard curve |
| Assay Type | Sandwich |
| Assay Time | 3.5h |

Biorbyt Ltd.

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

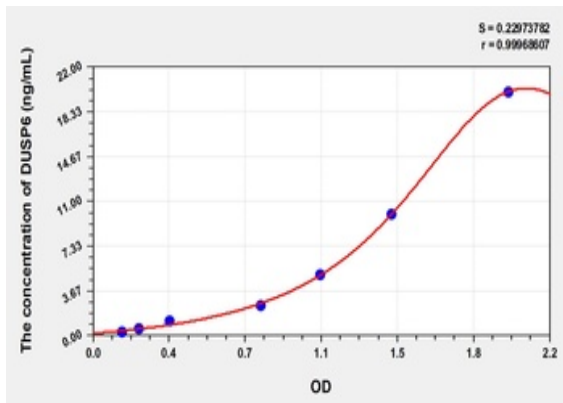
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
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)

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|------------------------|---|
| Range | 0.32-20 ng/mL |
| Sensitivity | 0.123 ng/mL |
| Sample Types | Tissue homogenates, cell lysates and other biological fluids. |
| Note | For research use only |
| Expiration Date | Please enquire. |



Standard curve for orb777583 ELISA kit.

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