

## Human Krebs Von den Lungen-6 (KL-6) ELISA kit

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This kit applies competitive inhibition ELISA method for the quantitative detection of Krebs Von den Lungen-6 (KL-6) in human samples. The microtiter plate provided in this kit has been pre-coated with Human KL-6 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human KL-6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 KL-6 in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No.          | 3019353                                                    |
| Size                 | 96-Wells                                                   |
| Product Category     | ELISA (Quantitative)                                       |
| Reactivity           | Human                                                      |
| Sample               | Serum; Plasma; Tissue Homogenates; Other Biological Fluids |
| Assay Method         | Competitive Inhibition ELISA                               |
| Assay Duration       | 2 hours                                                    |
| Sensitivity          | 5.9 IU/mL                                                  |
| Standard Curve Range | 12.5-800 IU/mL                                             |
| Storage/Stability    | -20°C/1 year; 4°C/6 months                                 |