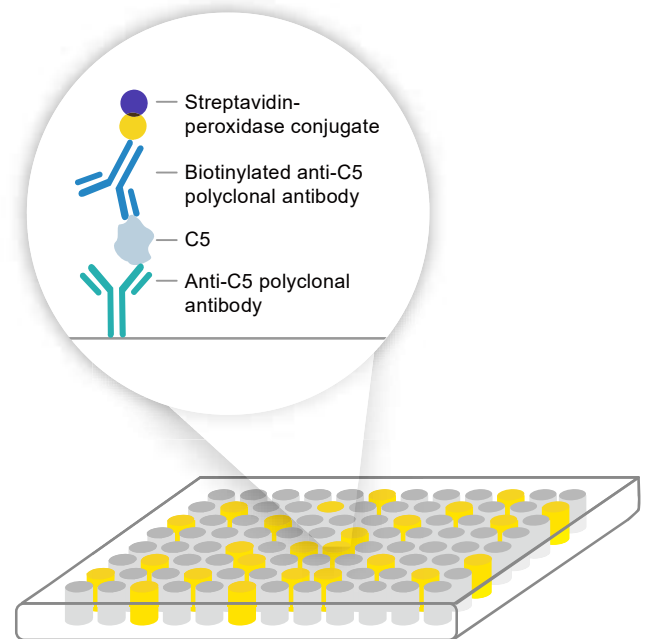


Human complement component 5 (C5) is the fifth component of the complement system. C5 has a molecular weight of approximately 195 kDa and matures into heterodimers with alpha and beta chains of 120 kDa and 75 kDa, respectively. Mutations in this gene cause C5 deficiency, which is associated with severe infantile dermatitis, Leiner's disease.

C5 (Human) ELISA Kit is designed for the detection of complement C5 in human cell culture samples, CSF, milk, plasma, saliva and serum. This assay employs a quantitative sandwich enzyme immunoassay technique that measures human complement C5 in approximately 4 hours.



Catalog ID

- KA2114

Key Features

- Suitable Samples: Cell Culture Samples, CSF, Milk, Plasma, Saliva and Serum
- Label: Peroxidase-conjugated
- Detection method: Colorimetric
- Calibration Range: 0.156 to 10 ng/mL
- Reactivity: Human, Monkey

Publication Reference

- [C5a/C5aR pathway is essential for the pathogenesis of murine viral fulminant hepatitis via potentiating Fgl2/fibroblast growth factor expression.](#)

Xu GL, Chen J, Yang F, Li GQ, Zheng LX, Wu YZ. *Hepatology*. 2014 Jul;60(1):114-24. doi: 10.1002/hep.27114. Epub 2014 May 28.