

Monoclonal antibodies (mAbs) against human chorionic gonadotropin (hCG) & related variants

Human chorionic gonadotropin is a hormone secreted by the developing embryo right after conception and by distinct tumors. As such it is uniquely **informative in pregnancy testing, prenatal screening and oncology.**

With a variety of diagnostic tests on the market, there are only a few reagents available that serve as seeds for high quality reagents.

The central reagents are antibodies of well-defined and unique specificities, avoiding the risk of erroneous or misleading hCG results.

Monoclonal Antibodies of Wick Diagnostics' portfolio recognize most of these epitopes and therefore are of great medical utility and commercial advantage for high value selective blood immunoassays in a clinical setting.

Our monoclonal antibodies can be used in immunoradiometric assay (IRMA), immunoenzymometric assay (IEMA) and time-resolved fluoroimmunoassay (IFMA) according to their epitope recognition either as coating or detection antibodies in one-sided or sandwich immunoassays.

Our reagents have been central components in international quality initiatives and have been published in

1. Berger, P.[†], et al., et al. Candidate epitopes for measurement of hCG and related molecules: the second ISOBM TD-7 workshop. *Tumor Biology*. **2013, pp. 34: 4033-4057.**
 2. Berger, P.[†] and Sturgeon, C. Pregnancy testing with hCG - future prospects. *Trends in Endocrinology and Metabolism* . **2014, Vol. 25, 12.**
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Our mAbs detecting hCG (and related molecules) can be purchased at

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