

EPO Immunoaffinity Isolation Plate



Antibody-coated microtiter plate for immunoaffinity isolation of human EPO

Catalog # 01640 1 Plate

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Product Description

EPO Immunoaffinity Isolation Plate is a 96-well microtiter plate coated with a high-affinity monoclonal antibody (EPO-26 Antibody, Clone 26G9C10) against human erythropoietin (EPO). Each well can be used for immunoaffinity purification of natural or recombinant human EPO from serum, plasma, urine, or other samples. EPO isolated using the EPO Immunoaffinity Isolation Plate may be further analyzed by methods such as SDS-PAGE, isoelectric focusing, and mass spectrometry.

- Incorporates high-affinity monoclonal anti-EPO antibody (EPO-26 Antibody, Clone 26G9C10, Catalog #01350)
- Can be used to purify both endogenous and recombinant EPO from human serum, plasma, and urine samples

Properties

- Storage:** Store at 2 - 8°C.
- Shelf Life:** Stable for 24 months from date of manufacture (MFG) on label.
- Contains:**
- EPO-26 Antibody, Clone 26G9C10

Handling / Directions For Use

Refer to the following publications in which STEMCELL's anti-EPO antibody-coated plates have been used for immunoaffinity isolation of EPO or EPO analogs:

- Kohler M et al. (2008) Discrimination of recombinant and endogenous urinary erythropoietin by calculating relative mobility values from SDS gels. *Int J Sports Med* 29(1): 1–6.
- Reichel C et al. (2009) SARCOSYL-PAGE: a new method for the detection of MIRCERA- and EPO-doping in blood. *Drug Test Anal* 1(11-12): 494–504.
- Reichel C et al. (2009) SDS-PAGE of recombinant and endogenous erythropoietins: benefits and limitations of the method for application in doping control. *Drug Test Anal* 1(1): 43–50.
- Reichel C & Thevis M. (2012) Detection of EPO-Fc fusion protein in human blood: screening and confirmation protocols for sports drug testing. *Drug Test Anal* 4(11): 818–29.
- Reihlen P et al. (2012) Easy-to-use IEF compatible immunoaffinity purification of erythropoietin from urine retentates. *Drug Test Anal* 4(11): 813–7.

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