

# EPO Immunoaffinity Isolation Plate



## Anti-EPO antibody-coated microtiter plate for immunoaffinity isolation of human EPO

Catalog # 01640

1 Plate

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## Product Description

The 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 is appropriate for further analysis 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 at least one year from the date of manufacture as indicated on the label.

**Contains:** EPO-26 Antibody, Clone 26G9C10

## Handling / Directions For Use

Please refer to the following publications in which STEMCELL's anti-EPO coated plates have been used for immuno-affinity isolation of EPO or EPO-analogs:

Kohler M, et al. Discrimination of recombinant and endogenous urinary erythropoietin by calculating relative mobility values from SDS gels. *Int J Sports Med* 29(1): 1-6, 2008

Reichel C, et al. 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, 2009

Reichel C, et al. SARCOSYL-PAGE: a new method for the detection of MIRCERA- and EPO-doping in blood. *Drug Test Anal* 1(11-12): 494-504, 2009

Reihlen P, et al. Easy-to-use IEF compatible immunoaffinity purification of Erythropoietin from urine retentates. *Drug Test Anal* 4(11): 813-817, 2012

Reichel C, Thevis M. Detection of EPO-Fc fusion protein in human blood: Screening and confirmation protocols for sports drug testing. *Drug Test Anal* 4(11): 818-829, 2012

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