CREATIVE BIOMART®
Assay Kit

PLAU (Human) Chromogenic Activity Assay Kit (Direct Assay)

Product Information

Cat.No. Kit-0702

Product Overview

PLAU (Human) Chromogenic Activity Assay Kit (Direct Assay) is developed to determine human PLAU activity in plasma and cell culture supernatants.

Description

Urokinase-type plasminogen activator (uPA) is a highly restricted serine protease that converts the zymogen plasminogen to active plasmin, a broad-spectrum serine proteinase capable of degrading most of the major protein components of the extracellular matrix. Binding of uPA to its receptor and subsequent uPA mediated pericellular proteolysis are involved in many process including cell migration and tissue remodeling in angiogeenesis, atherogenesis, tumor cell metastasis, and ovulation. High level of uPA is a poor prognostic marker for aggressive breast cancer, aggressive prostate cancer, bladder cancer and gastric cancer.

Target Species

Human

Usage

For research use only (RUO)

Storage

1. Store unopened kit at 2-8°C up to expiration date.2. Opened reagents may be stored for up to 1 month at 2-8°C. Store reconstituted standard and reagents at -20°C or below.

Kit Components

1. Microplate: One 96-well polystyrene microplate (12 strips of 8 wells).2. Sealing Tapes: Each kit contains 3 pre-cut, pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay.3. Assay Diluent: 30 ml.4. uPA Standard: 1 vial human high molecular weight uPA (1200 IU).5. uPA Substrate: lyophilized substrate (2 tubes).

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