

PLAT (Human) Chromogenic Activity Assay Kit

Cat. No. Kit-0701 Lot. No. (See product label)

SPECIFICATION

Product Overview	PLAT (Human) Chromogenic Activity Assay Kit is developed to determine human PLAT activity in cell culture supernatants.
Description	Tissue-type plasminogen activator (tPA) is a 68 kDa serine protease that converts the zymogen plasminogen into the active serine protease plasmin, which digests fibrin and induce the dissolution of fibrin clots. tPA is synthesized by endothelial cells in normal blood vessels and displays relatively high affinity for fibrin, suggesting that it functions predominately in physiological thrombolysis in vivo. High level of tPA is a good prognostic marker for breast cancer. tPA may minimize the formation of metastasis by preventing tumor cell adherence at sites of trauma. On the other hand, gastrointestinal cancer is accompanied by a decrease in tPA.
Target Species	Human
Usage	For research use only (RUO)
Storage	Upon arrival, immediately store components of the kit at recommended temperatures up to the expiration date. Store Plasminogen, Standard, and Plasmin Substrate at -20°C. Store Microplate and Assay Diluent at 2-8°C. Unused microplate wells may be stored and resealed.
Kit Components	Microplate: One 96-well polystyrene microplate (12 strips of 8 wells). 96 (8x12) wells Sealing Tapes: Pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay. 3 slices Assay Diluent 30 mL tPA Standard: human tPA (32 IU).

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1 vialHuman Plasminogen 1 vialPlasmin Substrate 2 vials

**Compatible Sample
Types**

Cell Culture Supernatant, Plasma

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