

Product Information

Name	Anti tPAI-C monoclonal antibody
Target	tissue plasminogen activator–inhibitor complex, tPAI-C
Target Species	Human
Target Description	tPAI-C is the complex between t-PA and PAI-1, which reflects the severity of endothelial cell damage and the resulting level of fibrinolysis.
Host	Mouse
Product Description	Monoclonal antibody produced by <i>in vitro</i> cell culture under conditions free from animal-derived components
Conjugation	Unconjugated/Biotin
Catalog #	1020101/1020101(B)
Solution	Saline solution, pH 6.5-7.5 with preservative
Appearance	Clear, transparent liquid, colorless or slightly yellow
Storage	2-8°C
Purity	>95%
Subclass	IgG1, kappa
Affinity (K_{aff})	$>10^9$ L/mol
LoB	User Guide
Specificity	Positive: / Negative: TM, TAT, PIC
Epitope	ND
Applications	<input checked="" type="checkbox"/> ELISA <input checked="" type="checkbox"/> CLIA <input type="checkbox"/> GICA <input type="checkbox"/> FIA <input type="checkbox"/> IHC
Pair	<input checked="" type="checkbox"/> Capture <input type="checkbox"/> Detection
Recommendations	Pairable with #1020201
Stability	2 years
Concentration	2.0 mg/mL (+/-10%) or marked on the vial
Lot #	_____
References	

User Guide

Catalog # 1020

Lot # _____

CLIA

Antigen Identification

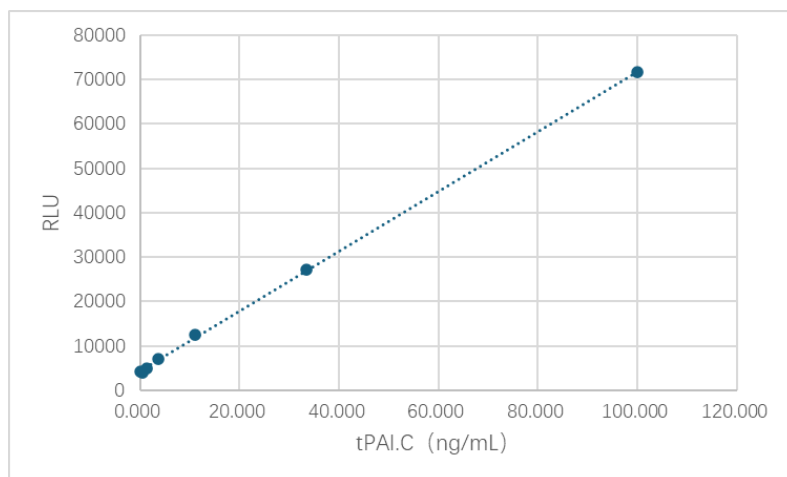
The antigen adopted in the following assays is a widely recognized clinical applied product obtained commercially.

Procedure

1. Mix 20 μ L serially diluted antigen or serum samples with 20 μ L (diluted to working conc. 50T/mL) capture reagent of 1020101(B) and 20 μ L 0.6mg/mL streptavidin-conjugated magnetic beads. Incubate with stir at 37 $^{\circ}$ C for 30 minutes.
2. Add 50 μ L (diluted to working conc. 20T/mL) detection reagent of 1020201(AP). Incubate with stir at 37 $^{\circ}$ C for 30 minutes.
3. Measure the relative light unit (RLU) of each reaction with a clinical approved chemiluminescence analyzer.

Measuring Range

The linear measuring range is 0.451-100ng/mL ($R^2>0.99$).



Limit of Blank* *Follow the Guideline EP17 published by Clinical and Laboratory Standards Institute (CLSI)

Sample tested: blank samples. Tests: 20.

The LoB is <0.5ng/mL.

Limit of Detection* *Follow the Guideline EP17 published by Clinical and Laboratory Standards Institute (CLSI)

Sample tested: low concentration samples. Tests: 20.

The LoD is 0.451ng/mL.

Specificity

The assay shows no cross-reactivities when detecting antigens as follows: TM at a tested conc. of 500ng/mL, TAT at a tested conc. of 500ng/mL, PIC at a tested conc. of 500ng/mL.

HKIG™ All Rights Reserved