

## Human Protein C Inhibitor (PCI) CLIA Kit | PCI clia kit

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CATALOG #  
**AAA130283**

REACTIVITY  
**Human**

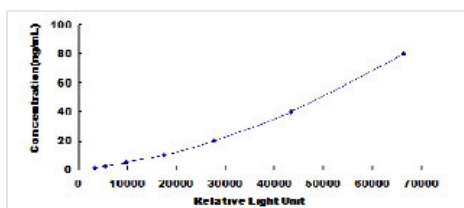
### PRODUCT SYNONYMS

Protein C Inhibitor (PCI); Human Protein C Inhibitor (PCI) CLIA Kit; SERPINA5; PAI3; PLANH3; PROCI; Serpin Peptidase Inhibitor Clade A 5; Plasma Serine Protease Inhibitor; Plasminogen Activator Inhibitor 3; Acrosomal serine protease inhibitor; PCI clia kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                                       | This assay has high sensitivity and excellent specificity for detection of Protein C Inhibitor (PCI). No significant cross-reactivity or interference between Protein C Inhibitor (PCI) and analogues was observed.                                                                                                                                                                                                                                                                        |
| Assay Type                                        | Double-antibody Sandwich                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Samples                                           | Plasma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Detection Range                                   | 109.7-80,000pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sensitivity                                       | 41.2pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application                                       | Chemiluminescent immunoassay for Antigen Detection.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Intra-assay Precision (Precision within an assay) | 3 samples with low, middle and high level Protein C Inhibitor (PCI) were tested 20 times on one plate, respectively.                                                                                                                                                                                                                                                                                                                                                                       |
| Inter-assay Precision (Precision between assays)  | 3 samples with low, middle and high level Protein C Inhibitor (PCI) were tested on 3 different plates, 8 replicates in each plate.                                                                                                                                                                                                                                                                                                                                                         |
| CV(%) =                                           | SD/meanX100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Intra-Assay                                       | CV<10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Inter-Assay                                       | CV<12%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                           | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PCI clia kit | The microplate provided in this kit has been pre-coated with an antibody specific to Protein C Inhibitor (PCI). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Protein C Inhibitor (PCI). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Protein C Inhibitor (PCI) level in the sample or standard.; |
| Product Categories/Family for PCI clia kit   | Infection immunity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-clia-kits/protein-c-inhibitor-pci/130283>