



## DIAPHARMA CS – PSA (KLK3)

FOR IN VITRO RESEARCH USE ONLY.  
NOT FOR HUMAN USE OR DRUG USE.

### DIAPHARMA CS – PSA (KLK3)

DiaPharma CS – PSA (KLK3) is a chromogenic peptide substrate for prostate-specific antigen (PSA) (Kallikrein 3 [KLK3]) activity, as well as a chromogenic substrate for chymotrypsin (CHY) and CHY-like activity.

#### COMPOSITION

Each vial contains chromogenic substrate MeO-Suc-Arg-Pro-Tyr-pNA · HCl 25 mg and mannitol 40 mg added as a bulking agent.

### Chromogenic Substrate – PSA (KLK3)

#### CHEMISTRY

MeO-Suc-Arg-Pro-Tyr-pNA · HCl  
MW: 668.29 (without HCl salt)

#### PRINCIPLE

MeO-Suc-Arg-Pro-Tyr-pNA + E → MeO-Suc-Arg-Pro-Tyr-OH + pNA + E  
E = Enzyme

#### STORAGE

May be used by the expiry date given on the label when store unopened, protected from moisture, in the dark, <-15°C. Avoid contamination of the reagents by microorganisms. Shipment of product does not require cooling during the time of transportation.

**DiaPharma Group, Inc.**  
8948 Beckett Road  
West Chester, OH 45069  
**Customer Service:** 1-800-526-5224  
**Technical Service:** 1-800-447-3846  
**Fax:** (513) 860-9635  
**E-mail:** [info@diapharma.com](mailto:info@diapharma.com)  
**Web:** [www.diapharma.com](http://www.diapharma.com)

DPG586-25 Rev02