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TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

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Human Cystatin C

CLPRO413
CLPRO413-2
CLPRO413-3
Lot: 407CYSC01

Description:

Cystatins are a superfamily of cysteine proteinase inhibitors found in both plants and animals. They comprise a group of proteinase inhibitors, widely distributed in tissues and body fluids, and form tight complexes with cysteine proteases such as cathepsin B, H, L and S. Cystatin C, a secreted molecule of this family, is of interest from biochemical, medicine and evolutionary points of view. Cystatin C, with molecular weight of 13260 Da, is composed of 120 amino acids, lacks carbohydrate and has two disulfide bridges located near the carboxyl terminus. Cystatin C is increased in patients with malignant diseases, and is related to the insufficiency of renal function and appears to be a better marker than creatinine. On the other hand, low levels of cystatin C involve cause the breakdown of the elastic laminae and, subsequently, the atherosclerosis and abdominal aortic aneurysm.

Source: Human Urine

Presentation:

200µg (CLPRO413), 1mg (CLPRO413-2) or 10mg (CLPRO413-3) lyophilized from 0.02 M NH_4HCO_3 . Product may contain traces of buffer salts. Reconstitution with 0.1M Sodium Acetate buffer, pH 4.5 is recommended.

Stability:

Human Cystatin should be stored at -20°C. Please avoid freeze-thaw cycles. Minimum shelf life 2 years.

Applications:

Western Blotting ELISA.

Laboratory Reagent For Research Use Only

JV 11/20/07

For more information or to place an order please contact...

CEDARLANE®
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