

90-7003: Human ACE2 (Angiotensin-converting enzyme 2) Pre-Coated ELISA Kit

Application : ELISA

Reactivity : Human

Description

Angiotensin I-converting enzyme 2(ACE 2) is a protein belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydiptidases and has considerable homology to human angiotensin 1 converting enzyme. By sequence similarity to a sequence in GenBank, this gene is mapped to Xp22.2. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63.

Product Info

Amount : 1 X 96 Tests
Content : 1 X 96 well Format (96 tests)
Storage condition : Please refer to the Manual

Application Note

This immunoassay kit allows for the in vitro quantitative determination of Human ACE2 concentrations in serum, plasma, tissue homogenates and other biological fluids. .

Detection Range: 0.391-25 ng/ml

Sensitivity: <0.234 ng/ml

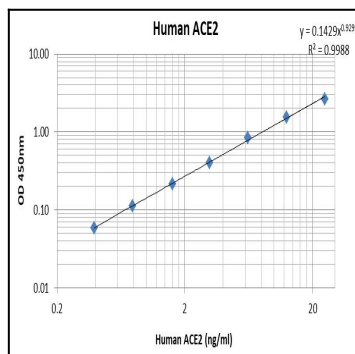


Figure-1: Human ACE2 Standard Curve.