

Product Name :	CysC
Cat No. :	P0021
Uniprot ID:	P01034
Gene Description:	Cystatin C
Synonyms:	CysC; Cystatin 3; cystatin C; CYTC; ARMD11; CST3
Species:	Human
Source:	E.coli, Recombinant
Character:	Liquid
Application :	Immunogen; Standard; Calibrator
Concentration:	1mg/ml
Purity:	>90%
QA Standard:	SDS PAGE
Buffer:	0.15M PBS, pH 7.5 with 50% glycerol
Storage:	-20°C for one year
Background:	<p>Cystatin C is a low molecular weight (13kD) cysteine proteinase inhibitor which is produced by all nucleated cells at a constant rate, freely filtered by the renal glomeruli, and catabolized in the tubuli. Under normal conditions, cystatin C does not enter the final excreted urine to any significant degree and the plasma level keeps constant. But in patients with kidney dysfunction, both urine and plasma cystatin C level may increase to be measured. Thus Cystatin C may be used as an alternative to creatinine and creatinine clearance to screen for and monitor kidney dysfunction .</p>