



# Chymotrypsin

## Determination of chymotrypsin in stool for the detection of an exocrine pancreatic insufficiency in patients with chronic pancreatitis

Chymotrypsin is a pancreas-specific proteolytic enzyme which is synthesized in the pancreas and secreted into the small intestine. It serves as a marker for exocrine pancreatic insufficiency in patients with chronic pancreatitis and is well suited for therapy monitoring.

The detection of chymotrypsin in stool is a strong, indicative parameter for pancreas function disorder and has the advantage of merely requiring a non-invasive sampling. The time, effort and expense of the chymotrypsin determination is significantly less compared to the pancreolauryl or pancreozymin-secretin test.

Our spectrophotometric chymotrypsin assay offers the additional possibility to determine the chymotrypsin activity in stool.

Chymotrypsin Activity	
Matrix	Stool
Sample volume	100 mg
Test principle	photometric
Cat. No.	K 6990



US: all products: Research Use Only.  
Not for use in diagnostic procedures.

### Indications:

- Exocrine pancreatic insufficiency
- Chronic pancreatitis

### Literature

Goldberg et al. (1971) Comp Biochem Physiol B38: 697  
Kaspar P et al. (1984) Clin Chem 30:1753 - 1757  
Stein et al. (1996) Clin Chem 42:222 - 6



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