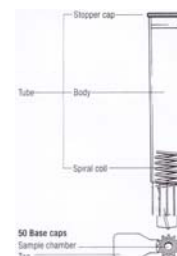




## CHYMOTRYPSIN

### DETERMINATION OF CHYMOTRYPSIN IN FAECES

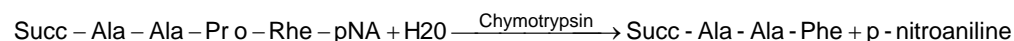
- Colorimetric Method
- Instrument Application Sheets Available
- Use Faeces
- Incl. Chymotrypsin Control
- Also available Faecal Sample Preparation Tubes
- Wavelength 405 nm



Products	Product no.	Quantity
Chymotrypsin Reagent Set	2909	18 - 72 tests
Chymotrypsin Control	2910	10 x 2 ml
Chymotrypsin Solvent Solution	2912	1 x 500 ml
Faecal Sample Preparation Set Tubes	2505	50 tests

## SUMMARY

### ASSAY PRINCIPLE



The rate of p-Nitroaniline formation is monitored continuously at 405 nm.

### SAMPLE MATERIAL

Faeces

### SAMPLE PREPARATION

Use sample preparation tubes (product nr.: 2505) or centrifugation tubes with caps. Add solvent to at least 100 mg of faeces in the ratio 10 : 1 (e.g. 110 mg faeces / 11.0 ml solvent) and mix well (vortex vigorous during 2 minutes) to ensure homogenisation.

The supernatant obtained by centrifugation (1000 x g for 5 min.) is used for the assay.

Stable for: Three hours at 15-25 °C,

Twenty-four hours at 2-6°C.

### LINEARITY

If the absorbance change  $\Delta A/\text{min}$  exceeds 0.100 for measurements taken over the space of 3 min, dilute 0.1 ml supernatant with 0.4 ml solvent and repeat assay (result x 5).

### QUALITY CONTROL

Products	Product no.	Quantity
Chymotrypsin Control (assayed)	2910	1 x 2 ml

### EXPECTED VALUES IN FAECES

	25 °C	30 °C	37 °C
Normal	> 6 U/g	> 8.4 U/g	> 13.2 U/g
Further investigation necessary	3 - 6 U/g	4.2 - 8.4 U/g	6.6 - 13.2 U/g
Pathologic	< 3 U/g	< 4.2 U/g	< 6.6 U/g

### NOTES

1. For in vitro diagnostic use only.
2. For professional use only.
3. Always contact InstruChemie for the complete product insert and latest edition.
4. Printed in the Netherlands, Chymotrypsin-summary-280725-1.FEN