

This ClinEasy® Complete Kit is designed for the photometric determination of urinary porphobilinogen (PBG). Enhanced levels of PBG are observed with porphyrias and in case of certain intoxications (lead). For diagnostic verification additional ClinEasy® Complete Kits for 5-aminolevulinic acid and PBG (see pages 108 - 109) and the total porphyrins (see pages 112 - 113) as well as a ClinRep® HPLC Complete Kit for the differentiated porphyrins (see pages 50 - 51) are provided.



→ Cost-efficient screening

→ Easy handling

→ Reliable test results

Porphyria, Lead Intoxication

Porphobilinogen in Urine

Test Data

Linearity: 0.8 - 80 mg/l
Recovery: > 90 %
LOD: 0.6 mg/l
LLOQ: 0.8 mg/l
Intraassay precision: 5.2 %
Interassay precision: 6.4 %

Sample Preparation

Extraction:

Apply 0.5 ml urine to a conditioned PBG column

Elution:

Elute with 4.0 ml Reagent D

Derivatisation:

1. Add 4.0 ml Ehrlich's Reagent
2. Incubate at ambient temperature (15 min)

Analysis:

Photometric measurement



Ordering Information

Order No.	Description	Quantity
17300	ClinRep® Complete Kit for Porphobilinogen in Urine for 50 assays	1 pce.
Kit Components (order no 17300):		
17320	Sample Preparation Columns for PBG	50 pcs.
17223	Reagent C	7.5 g
17224	Reagent D	200 ml
	Manual	1 pce.
	Quick Reference	1 pce.
Accessories:		
FK4000	Column Rack (for 20 columns)	1 pce.
ClinCal® Calibrator:		
17213	Urine Calibrator, lyophil.	5 x 5 ml
ClinChek® Controls:		
17280	Urine Control, lyophil., Level I	10 x 5 ml
17281	Urine Control, lyophil., Level II	10 x 5 ml
17282	Urine Control, lyophil., Level I, II	2 x 5 x 5 ml