

Catecholamines are important parameters for the diagnosis of pheochromocytomas. In addition to the ClinRep® Complete Kit with manual sample preparation (order no. 2000, see pages 20 - 21) RECIPE offers two ClinRep® Complete Kits for automated sample preparation with robotic systems from Gilson® and HTA. Kits for 100 and 500 assays are available for each system.

## Biogenic Amines

# Catecholamines in Urine

– with Gilson® ASPEC™ XL

– with HTA, Model HT400E

### Test Data

Test data are available on request

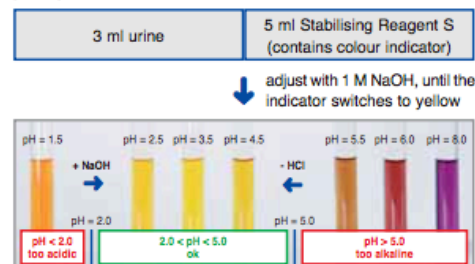
### HPLC Parameters

Identical with order no. 2000, see pages 20 - 21

### Sample Preparation\*

#### Manual sample pretreatment

##### pH adjustment:



#### Automated sample preparation with Gilson® ASPEC™ XL

##### Addition of IS:

Add 30 µl Internal Standard IS to the sample

##### Extraction:

Apply 6 ml sample on the sample preparation column

##### Elution:

Apply 4 ml Eluting Reagent E

##### HPLC Analysis:

Inject 20 µl

\* The indicated sample/reagent volumes are exemplified for the ASPEC™ XL. The corresponding data for the HT400E are available on request.

## Ordering Information

Order No.	Description	Quantity
2200	ClinRep® Complete Kit for Catecholamines in Urine with Gilson® ASPEC™ XL for 100 assays	1 pce.
<b>Kit components (order no. 2200):</b>		
1210	Mobile Phase	1000 ml
2011	Standard Solution	10 ml
2012	Internal Standard IS	3 ml
2013	Urine Calibrator, lyophil.	5 x 8 ml
2220	Sample Preparation Columns	2 x 2220 (2 x 50 pcs.)
2021	Stabilising Reagent S	500 ml
2224	Eluting Reagent E	400 ml
	Manual	
	Quick Reference	
2300	ClinRep® Complete Kit for Catecholamines in Urine with Gilson® ASPEC™ XL for 500 assays	1 pce.
<b>Kit components (order no. 2300):</b>		
	5-fold amount of kit components with order no. 2200 (1210, 2011, ..., 2224)	5 x 2200
2400	ClinRep® Complete Kit for Catecholamines in Urine with HTA, Model HT400E for 100 assays	1 pce.
<b>Kit components (order no. 2400):</b>		
1210	Mobile Phase	1000 ml
2011	Standard Solution	10 ml
2012	Internal Standard IS	2 x 2012 (2 x 3 ml)
2013	Urine Calibrator, lyophil.	5 x 8 ml
2420	Sample Preparation Columns	2 x 2420 (2 x 50 pcs.)
2421	Stabilising Reagent S	250 ml
2424	Eluting Reagent E	250 ml
FK6401	Sample vials, clear glass, 4ml	2 x FK6401 (2 x 100 pcs.)
	Manual	1 pce.
	Quick Reference	1 pce.
2500	ClinRep® Complete Kit for Catecholamines in Urine with HTA, Model HT400E for 500 assays	1 pce.
<b>Kit components (order no. 2500):</b>		
	5-fold amount of kit components with order no. 2400 (1210, 2011, ..., FK6401)	5 x 2400
<b>Start Accessories:</b>		
2030	Analytical Column with test chromatogram	1 pce.
<b>ClinChek® Controls:</b>		
8820	Urine Control, lyophil., Level I	10 x 8 ml
8821	Urine Control, lyophil., Level II	10 x 8 ml
8822	Urine Control, lyophil., Level I, II	2 x 5 x 8 ml

→ Automated sample preparation

→ Test kits available for 100 or 500 assays

→ Injection interval: 15 min