

This ClinRep® Reagent Kit is intended for use with the TOX.I.S.™ System from Shimadzu, an on-line HPLC system which has been designed for automated drug screening (on-line analysis). The analytical method allows for the reliable screening of more than 300 illegal drugs, such as morphine, methadone, and amphetamine.

Alcoholism, Drug Abuse

Basic Drugs in Urine – On-Line Analysis

RECIPE and Shimadzu are offering a complete solution for the screening of illegal drugs in urine.

The TOX.I.S.™ system from Shimadzu is an on-line HPLC-system with photodiode array detection. It has been designed for the qualitative (and semiquantitative) screening for acute poisoning, drug abuse and doping.

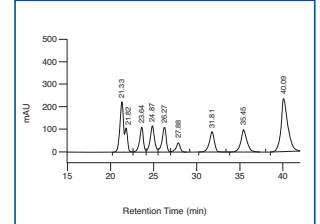
The RECIPE reagent kit ensures a reliable and standardised HPLC analysis with Shimadzu's TOX.I.S.™ system and contains buffers, an internal standard, and a test solution. Also, columns and accessories are provided.

Shimadzu's analytical method allows for an automated screening of more than 300 alkaline* drugs of abuse. The analyte identification bases on the comparison of retention times and UV spectra. For this purpose, the evaluation software of the system provides an extensive UV spectra library.

* For the drug screening of acidic, neutral, and weak alkaline pharmaceuticals, additional reagent kits for the analysis from urine (see pages 24 - 25) and plasma (see pages 22 - 23) are available.



Chromatogram of the ClinTest® Test Solution



MDA: 21.33 min, Amphetamine: 21.82 min, 6-Acetylmorphine: 23.64 min, Methadone: 24.87 min, Morphine: 26.27 min, Tilidine: 27.88 min, Codeine: 31.81 min, EDDP: 35.45 min, IS: 40.09 min

Ordering Information

Order No.	Description	Quantity
60000	ClinRep® Reagent Kit for the TOX.I.S.™ System from Shimadzu for 100 assays	1 pce.
Kit Components (order no. 60000):		
60007	Mobile Phase A	2500 ml
60008	Mobile Phase B	5000 ml
60009	SPE-Buffer	2500 ml
60012	IS Internal Standard	50 ml
60014	Test Solution	2 x 60014 (2 x 15 ml)
60021	SPE-Washing Solution	2 x 60021 (2 x 2500 ml)
Additional Components:		
60006	Mobile Phase AB	2500 ml
Start Accessories:		
60030	Analytical Column with test chromatogram	1 pce.
60031	SPE-Column Holder incl. 1 SPE-Column	1 pce.
60032	SPE-Column	1 pce.
60033	Guard Column Holder incl. 1 Guard Column	1 pce.
60034	Guard Columns	10 pcs.

