

Emit® Calibrators/Controls Levels 0, 1, 2, 3, 4, and 5

See shaded sections: Updated information from 2017-10 version. 10871245_E



Calibrators/Controls

1 Intended Use

The Emit® Calibrators/Controls are used in the calibration of the Emit® II Plus Amphetamines, Barbiturate, Benzodiazepine, Cannabinoid, Cocaine Metabolite, Ecstasy, Methadone, Methaqualone, Monoclonal Amphetamine/Methamphetamine, Opiates, Phencyclidine, and Propoxyphene Assays. These standards may also be used as quality control materials based upon specified assay cutoff levels for the Emit® II Plus drugs-of-abuse assays.

2 Description

REF	Product Description	Volume
9A509UL	Emit® Calibrator/Control Level 0 human urine, preservative	14 mL
9A529UL	Emit® Calibrator/Control Level 1 human urine, D-methamphetamine, morphine, preservative	14 mL
9A549UL	Emit® Calibrator/Control Level 2 human urine, benzoylcegonine, lormetazepam, methadone, D-methamphetamine, methaqualone, morphine, 11-nor-Δ ⁹ -THC-9-COOH, phencyclidine, propoxyphene, secobarbital, preservative	14 mL
9A569UL	Emit® Calibrator/Control Level 3 (Contents listed above in Level 2)	14 mL
9A589UL	Emit® Calibrator/Control Level 4 (Contents listed above in Level 2, excluding D-methamphetamine and morphine)	14 mL
9A609UL	Emit® Calibrator/Control Level 5 (Contents listed above in Level 2) (See Table 1 for drug concentrations in each level)	14 mL

Note: The calibrators are shipped ready to use. No reconstitution is necessary.

The calibrators/controls contain the following stated drug concentrations:

Table 1a — Drug Concentrations in Emit® Calibrators/Controls Levels 0–2

Drug	Calibrator/Control Level 0 (drug-free)	Calibrator/Control Level 1 (ng/mL)	Calibrator/Control Level 2 (ng/mL)
Benzoylcegonine			150
Lormetazepam			100
Methadone			150
D-Methamphetamine		300	500
Methaqualone			150
Morphine		300	1000
11-nor-Δ ⁹ -THC-9-COOH			20
Phencyclidine			12.5
Propoxyphene			150
Secobarbital			100

Table 1b — Drug Concentrations in Emit® Calibrators/Controls Levels 3–5

Drug	Calibrator/Control Level 3 (ng/mL)	Calibrator/Control Level 4 (ng/mL)	Calibrator/Control Level 5 (ng/mL)
Benzoylcegonine	300	500	1000
Lormetazepam	200	300	1000
Methadone	300	500	1000
D-Methamphetamine	1000		2000
Methaqualone	300	500	1000
Morphine	2000		4000
11-nor-Δ ⁹ -THC-9-COOH	50	100	200
Phencyclidine	25	75	100
Propoxyphene	300	500	1000
Secobarbital	200	300	800

Risk and Safety

Safety data sheets (MSDS/SDS) available on [siemens.com/healthcare](https://www.siemens.com/healthcare)

For *in vitro* diagnostic use.

Precautions

Human urine used in the preparation of this product was not tested by licensed reagents for the presence of antibodies to human immunodeficiency virus type 1 (HIV-1) and type 2 (HIV-2), for hepatitis B surface antigen (HbsAg), or for hepatitis C virus (anti-HCV). This material should be handled using good laboratory practice to avoid skin contact or ingestion.

Preparation and Storage

The calibrators/controls are provided ready to use. Remove the cap and mark it to identify it with the original vial. Always store the calibrators/controls refrigerated at 2–8°C (36–46°F) when not in use. Store upright. Do not freeze or expose to temperatures above 32°C (90°F).

Stability

When stored refrigerated at 2–8°C, Emit® Calibrators/Controls are stable unopened until the expiration date printed on the vial label.

















Once opened, the Emit® Calibrators/Controls are stable for 5 weeks when recapped and stored at 2–8°C when not in use.

3 Procedure


For procedures, refer to the appropriate Emit® II Plus drugs-of-abuse assay instructions for use.

4 Limitations


The Emit® Calibrators/Controls are for use with the Emit® II Plus Amphetamines, Barbiturate, Benzodiazepine, Cannabinoid, Cocaine Metabolite, Ecstasy, Methadone, Methaqualone, Monoclonal Amphetamine/Methamphetamine, Opiates, Phencyclidine, and Propoxyphene Assays according to the procedures published by Siemens Healthcare Diagnostics.

	Do not reuse / Nicht zur Wiederverwendung / Ne pas réutiliser / Non riutilizzare / No reutilizar
	Use By / Verwendbar bis / Utiliser jusque / Utilizzare entro / Fecha de caducidad
	Batch Code / Chargenbezeichnung / Code du lot / Codice del lotto / Código de lote
	Catalogue Number / Bestellnummer / Référence du catalogue / Numero di catalogo / Número de catálogo
	Caution, consult accompanying documents / Achtung, Begleitdokumente beachten / Attention voir notice d'instructions / Attenzione, vedere le istruzioni per l'uso / Atención, ver instrucciones de uso
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	Authorized Representative in the European Community / Bevollmächtigter in der Europäischen Gemeinschaft / Mandataire dans la Communauté européenne / Mandatario nella Comunità Europea / Representante autorizado en la Comunidad Europea
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	Temperature Limitation / Temperaturbegrenzung / Limites de température / Limiti di temperatura / Límite de temperatura
	Consult Instructions for Use / Gebrauchsanweisung beachten / Consulter les instructions d'utilisation / Consultare le istruzioni per l'uso / Consultar las instrucciones de uso
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For technical assistance, call Siemens Healthcare Diagnostics:
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Outside the USA and Canada, call your local Siemens representative.
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