



# Psychotropic Medication 1

Value Data Sheet 4051 CAL P PS1

Calibrators for LC-MS/MS Assay

**REF** 4051 CAL P PS1

**LOT** 25F22/S

 2025/04

Diagnostix BV  
De Plassen 4  
9902 SE Appingedam  
The Netherlands

+31 (0)596 - 20 10 62  
info@diagnostix.com  
order@diagnostix.com

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**Intended use:**

The intended use of this product is calibrating the PS1 assay. These lyophilized PS1 calibrators are prepared from human serum. Stabilizers are added to stabilize the analytes for accurate calibration of the PS1 procedure.

After reconstitution these lyophilized calibrators should be treated as a patient sample.

**Reconstitution:**

Add exactly 500 µl of deionized water to the vial and let stand for 15 minutes.

Swirl the vial carefully and mix thoroughly. Let the vial stand for another 15 minutes and swirl one last time. Use the solution as a patient sample when all material is dissolved.

**Storage and Stability**

This product will be stable until the expiration date when stored unopened at 2 - 8 °C.

After reconstitution the stability of the analytes is: 1 month at -20 °C

The stated stabilities are only valid in case of no bacterial contamination.

Avoid repeated freezing and thawing.

**Caution:**

The serum used for manufacturing the calibrators has been tested and found free from infectious and contagious diseases. Nevertheless, the controls should be considered as potentially infectious and treated with appropriate care.

**Pack size:**

PS1 Calibrator Set


6 x 2 x 500 µl, Calibrator 1 - 6

**Important Notes:**

This is a preliminary Value Data Sheet not intended for use on actual patient material. No rights or claims can be arrived from the contents of this document.

The concentrations of the analytes are chosen in ranges where valid results can be obtained. The variation of the filling volume (CV) is < 1 %.

**Concentrations:**

4051 cal P PS1		25F22/02 2025/04	25F22/03 2025/04	25F22/04 2025/04	25F22/05 2025/04	25F22/06 2025/04	25F22/07 2025/04
Analyte		Cal 1 4053 P PS1	Cal 2 4054 P PS1	Cal 3 4055 P PS1	Cal 4 4056 P PS1	Cal 5 4057 P PS1	Cal 6 4058 P PS1
Amitriptyline		0 µg/l	13 µg/l	37 µg/l	69 µg/l	155 µg/l	424 µg/l
Imipramine		<1 µg/l	19 µg/l	50 µg/l	84 µg/l	164 µg/l	457 µg/l
Norclozapine		<5 µg/l	50 µg/l	90 µg/l	190 µg/l	419 µg/l	670 µg/l
Clozapine		0 µg/l	65 µg/l	127 µg/l	268 µg/l	605 µg/l	1030 µg/l
Nortriptyline		0 µg/l	20 µg/l	58 µg/l	103 µg/l	178 µg/l	341 µg/l
Norclomipramine		0 µg/l	27 µg/l	55 µg/l	107 µg/l	268 µg/l	619 µg/l
Clomipramine		<2 µg/l	22 µg/l	45 µg/l	93 µg/l	236 µg/l	500 µg/l
Desipramine		0 µg/l	30 µg/l	73 µg/l	129 µg/l	260 µg/l	502 µg/l
Zuclopenthixol		<2 µg/l	5 µg/l	13 µg/l	21 µg/l	28 µg/l	74 µg/l
E-10-OH-Nortriptyline		0 µg/l	32 µg/l	55 µg/l	94 µg/l	178 µg/l	380 µg/l
Z-10-OH-Nortriptyline		0 µg/l	9 µg/l	23 µg/l	55 µg/l	92 µg/l	140 µg/l