



Immunosuppressants

Value Data Sheet 4181 CAL P IMM

Calibrators for LC-MS/MS Assay

REF 4181 CAL P IMM

LOT 14H21/S

 2022/12

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Intended use:

The intended use of this product is calibrating the Immunosuppressants assay. These lyophilized Immunosuppressant Medication calibrators are prepared from human whole blood. Stabilizers are added to stabilize the analytes for accurate calibration of the Immunosuppressants 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: 3 weeks at -20 °C

The stated stabilities are only valid in case of no bacterial contamination. Avoid repeated freezing and thawing.

Caution:

The whole blood 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:

Immunosuppressants Calibrator Set
6 x 2 x 500 µl, Calibrator 1 - 6

Notes:

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:

4181 CAL P IMM	 LOT	14H21/01 2022/12	14H21/02 2022/12	14H21/03 2022/12	14H21/04 2022/12	14H21/12 2022/12	14H21/13 2022/12
Analyte		Cal 1 4183 P IMM	Cal 2 4184 P IMM	Cal 3 4185 P IMM	Cal 4 4186 P IMM	Cal 5 4187 P IMM	Cal 6 4188 P IMM
Sirolimus		0 µg/l	1.60 µg/l	5.00 µg/l	10.3 µg/l	29.0 µg/l	52.7 µg/l
Cyclosporin A		0 µg/l	20 µg/l	100 µg/l	472 µg/l	923 µg/l	1297 µg/l
Tacrolimus		0 µg/l	1.43 µg/l	4.10 µg/l	8.50 µg/l	23.1 µg/l	49.5 µg/l
Everolimus		0 µg/l	1.40 µg/l	4.66 µg/l	9.80 µg/l	25.2 µg/l	46.9 µg/l