

## Amplifex™ Prep - C200 96 Well Kit

Sample preparation of steroids using the 96 well solid liquid extraction plate.

Sample Volume: up to 200  $\mu$ L

### A. Equipment

- Amplifex™ Prep - C200 96 Well Kit PN 4466179
- 96 well plate evaporator for 1mL standard collection plate
- Vortex shaker for 96 well plate
- 96 well plate centrifuge
- 96 well plate sealing mat or adhesive film
- Microcentrifuge
- Pipettor (20-200  $\mu$ L)
- Pipette tips
- Gloves

### B. User Provided Chemicals

- Diisopropylether (Aldrich product number 38279)
- De-ionized water (MilliQ, 18 M $\Omega$ )

### C. Sample Preparation



**Warning!** CHEMICAL HAZARD. Before handling any chemicals read the safety data sheet (SDS). Always follow the safety precautions (wearing appropriate protective eyewear, clothing, gloves, etc.) presented in each SDS. SDSs may be found at [www.sciex.com](http://www.sciex.com).

1. Place the 96 well plate on top of a collection plate.
2. Equilibrate all reagents, samples, calibrators and chemicals to ambient temperature (22-25 °C)
3. Spike internal standard (recommended volume 20  $\mu$ L) into each sample, pulse vortex and spin 30 sec using a microcentrifuge. Alternatively add internal standards directly on the plate
4. Pipettes samples and controls onto the chosen wells of the 96 well plate and wait for 5 minutes.



**Note: If the sample volume is smaller than 200  $\mu$ L, dilute sample with MilliQ water or buffer to make up the volume to 200  $\mu$ L**

5. Pipette 1.3 mL Diisopropylether onto each well, wait 5 minutes until no more solvent is flowing through the solid phase into the collection plate
6. Evaporate the solvent in the collection plate to dryness using a 96 well plate evaporator.
7. Follow Amplifex™ Keto Reagent Protocol for derivatization or reconstitute in appropriate LC/ MS solvent.

## D. Table – Reorder Information

Part number	Description
4466179	Amplifex™ Prep - C200 96 Well Kit
	Amplifex™ Prep - C200 96 well
	Amplifex™ 96 well Collection Plate
4466055	Amplifex™ Keto Cartridge Prep Starter Kit
	Amplifex™ Prep - C200 24 pack
4466054	Amplifex™ Sample Prep 24 unit Rack
	Amplifex™ Keto Cartridge Kit
	Amplifex™ Prep - C200 24 pack
4466059	Amplifex™ Sample Prep 24 unit Rack
4465962	Amplifex™ Keto Reagent Kit

© 2012 AB SCIEX. The trademarks mentioned herein are the property of AB Sciex Pte. Ltd. or their respective owners. AB SCIEX™ is being used under license.

**For Research Use Only. Not for use in diagnostic procedures.**

Information in this document is subject to change without notice. AB Sciex Pte. Ltd. assumes no responsibility for any errors that may appear in this document.

AB SCIEX PTE. LTD. DISCLAIMS ALL WARRANTIES WITH RESPECT TO THIS DOCUMENT, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL AB SCIEX PTE. LTD. BE LIABLE, WHETHER IN CONTRACT, TORT, WARRANTY, OR UNDER ANY STATUTE OR ON ANY OTHER BASIS FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, MULTIPLE OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THIS DOCUMENT, INCLUDING BUT NOT LIMITED TO THE USE THEREOF.

**NOTICE TO PURCHASER: LIMITED LICENSE**

The purchase of this product includes a limited, non-transferable license to use this amount of the product to practice the labeling methods using the reagents which may be claimed in pending and planned U.S. and international patent applications exclusively owned by or licensed to AB Sciex Pte. Ltd, and patents issuing therefrom, solely for the purchaser's research activities. No use in diagnostic procedures is authorized. The license granted herein is personal to the original purchaser and may not be transferred to any other party outside the purchaser's company. No other right or license is conveyed or granted either expressly, by implication or by estoppel, to resell or repackage this product. Further information can be obtained by contacting the Director of Licensing, c/o AB Sciex Pte. Ltd., 500 Old Connecticut Path Framingham, MA, USA.