

This protocol describes a workflow for dissolving the dry panel of protein fragments (qRePS) to be able to for example continue with digestion outside of the product plate.

The panel of protein fragments (qRePS) is located at the bottom of each well in the 96-well plate supplied by ProteomEdge and can be seen as a white pellet. All wells in a plate are equal with regard to qRePS and amounts.

In our 8-well plates, the first column (A1-H1) holds the panel and in the 48-well plates, the first 6 columns (A1-A6, B1-B6. ...H1-H6) holds the panel.

**NOTE:** Avoid disrupting the pellet prior to adding your solvent.

## Procedure

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1. Add at least 10  $\mu$ L of water, buffer or plasma sample to the well. If 10 $\mu$ L water is added, the resulting solution is 1M Urea, 1x PBS.
2. Centrifuge the plate at 1000 x g, 1 min.
3. Incubate for 10 min at room temperature.
4. Vortex and centrifuge the plate at 1000 x g, 1 min.
5. Transfer the dissolved panel to the container of your choice. (**Note:** it's important that ALL volume gets transferred to the new tube for accurate quantification results.)
6. Seal the remaining wells of the plate and store in -20°C.