

Jun 04, 2019

Human RBM3 ELISA

 [PLOS One](#)

DOI

dx.doi.org/10.17504/protocols.io.3p5gmq6

Lisa-Maria Rosenthal¹, Giang Tong¹, Katharina Schmitt¹

¹Deutsches Herzzentrum Berlin



Lisa-Maria Rosenthal

Deutsches Herzzentrum Berlin

OPEN  ACCESS



DOI: dx.doi.org/10.17504/protocols.io.3p5gmq6

External link: <https://doi.org/10.1371/journal.pone.0226005>

Protocol Citation: Lisa-Maria Rosenthal, Giang Tong, Katharina Schmitt 2019. Human RBM3 ELISA. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.3p5gmq6>

Manuscript citation:

Rosenthal L, Leithner C, Tong G, Streitberger KJ, Krech J, Storm C, Schmitt KRL (2019) RBM3 and CIRP expressions in targeted temperature management treated cardiac arrest patients—A prospective single center study. PLoS ONE 14(12): e0226005. doi: [10.1371/journal.pone.0226005](https://doi.org/10.1371/journal.pone.0226005)

License: This is an open access protocol distributed under the terms of the **[Creative Commons Attribution License](#)**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: June 04, 2019

Last Modified: June 04, 2019

Protocol Integer ID: 24029

Materials

MATERIALS

 Human RBM3 ELISA Kit **Catalog** #not available (prepared for cust



- 1 Prepare RBM3 standards in RBM3 Dilution Buffer: 0, 31.25, 62.5, 125, 250, 500, 1000 and 2000 pg/ml.
- 2 Dilute the serum samples 1:10 with RBM3-SAMPLE-BUF.
- 3 Pipette 50µl/well RBM3-Standards (0-2000 pg/ml) and 50µl/well diluted samples in duplicates onto 96-well microplate.
- 4 Pipette 50µl/well detection conjugate – diluted RBM3-HRP conjugate onto 96-well microplate.
- 5 Shake for 5 min and incubate for 120 min at 20-25 °C.
- 6 Wash 3 times with 1:10 diluted Wash solution.
- 7 Pipette 50µl/well Tetramethylbenzidin solution and incubate for 30 min at 20-25 °C in the dark on a shaker.
- 8 Pipette 50µl/well Stop Reagent.
- 9 Measure absorbance at 450 nm using a plate reader.