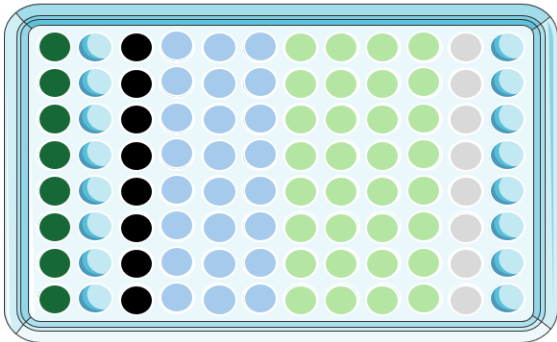


PlateX MP™ Rho1D4 MagBeads

96 deep-well plate (INTEGRA)

Cat. No.: 90660

| Description | <p>PlateX MP™ Rho1D4 MagBeads is a ready-to-use plate for automated membrane protein solubilization and purification via Rho1D4-tag. It enables rapid identification of the most effective synthetic copolymer out of eight variants for subsequent upscaling of membrane protein production. The plate contains all required reagents - copolymers, HighSpec Rho1D4 MagBeads and equilibration, wash and elution buffers - in a lyophilized format.</p> | | | | | | | | | | | | | | | | |
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| Plate content | <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Copolymers:</u></p> <ul style="list-style-type: none"> Cubipol A Cubipol Glycerol B Sulfo-Cubipol C Sulfo-Cubipol Medium D Sulfo-Cubipol Lite E Glyco-Cubipol F Cubipol PEG G Cubipol Amine H </div> <div style="flex: 2; text-align: center;"> <p>1 2 3 4 5 6 7 8 9 10 11 12</p>  </div> </div> <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th>Column</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>● Copolymers as indicated (45 mg/well)</td> </tr> <tr> <td>2</td> <td>● Empty column for sample application (1800 µl/well)</td> </tr> <tr> <td>3</td> <td>● Dehydrated HighSpec Rho1D4 MagBeads (30 µl pure beads/well)</td> </tr> <tr> <td>4-6</td> <td>● Lyophilized equilibration buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well)</td> </tr> <tr> <td>7-10</td> <td>● Lyophilized wash buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well)</td> </tr> <tr> <td>11</td> <td>● Lyophilized elution buffer (150 mM NaCl, 20 mM HEPES, pH 7.5, 2 mg/ml HighSpec Rho peptide; 250 µl/well)</td> </tr> <tr> <td>12</td> <td>● Empty column</td> </tr> </tbody> </table> | Column | Content | 1 | ● Copolymers as indicated (45 mg/well) | 2 | ● Empty column for sample application (1800 µl/well) | 3 | ● Dehydrated HighSpec Rho1D4 MagBeads (30 µl pure beads/well) | 4-6 | ● Lyophilized equilibration buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well) | 7-10 | ● Lyophilized wash buffer (150 mM NaCl, 20 mM HEPES, pH 7.5; 950 µl/well) | 11 | ● Lyophilized elution buffer (150 mM NaCl, 20 mM HEPES, pH 7.5, 2 mg/ml HighSpec Rho peptide; 250 µl/well) | 12 | ● Empty column |
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| Plate type | INTEGRA 96 deep-well plate (INTEGRA, Cat. No. 6353) | | | | | | | | | | | | | | | | |
| Protein yield | Highly protein- and copolymer-dependent. | | | | | | | | | | | | | | | | |
| Working pH | Optimal: pH 7-8 | | | | | | | | | | | | | | | | |
| Application | Automated membrane protein solubilization and purification in 96 well format with INTEGRA ASSIST PLUS System (program & protocol provided). | | | | | | | | | | | | | | | | |
| Stability | 6 months after shipping | | | | | | | | | | | | | | | | |
| Storage | 4 °C | | | | | | | | | | | | | | | | |
| Shipping | 4 °C | | | | | | | | | | | | | | | | |

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| Hazards | Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided. |
| Manufacturer | Cube Biotech |

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