

Product Datasheet | HLA-A*02:01 easYmer® kit

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|------------------------|---|-------------|-------------|-----------------------|------------------------|
| Application | <p>easYmers® are peptide loadable HLA class I monomers.</p> <p>easYmers® can be used to generate peptide-HLA monomers with your choice of peptide. The monomers can easily be tetramerized with fluorophore conjugated streptavidin and used to analyse T cells by flow cytometry. The easYmer reagent can also be used to evaluate specific peptide-HLA I binding.</p> | | | | |
| Catalog no. | 1002-01 | | | | |
| Size | | Test | Vol. | Folding Buffer | Control Peptide |
| | <input type="checkbox"/> | 20 | 40 µl | 1 vial (0.5 ml) | 1 vial |
| | <input type="checkbox"/> | 50 | 100 µl | 1 vial (1 ml) | 1 vial |
| | <input type="checkbox"/> | 150 | 300 µl | 1 vial (1 ml) | 2 vials |
| | <input type="checkbox"/> | 500 | 1000 µl | 1 vial (3 ml) | 3 vials |
| Allotype | <p>HLA-A*02:01 peptide receptive, biotinylated in Tris/Maleate pH 7, 30% Glycerol</p> | | | | |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. | | | | |
| Shelf life | <p>easYmers® are stable at -20°C for 12 months. See expiration on vial</p> | | | | |
| Folding buffer | Tris/Maleate pH 7 | | | | |
| Control Peptide | <p>NLVPMVATV (20 nmol lyophilized peptide per vial)</p> <p>HLA-A*02:01 binder and positive control for evaluation of peptide-HLA folding. Dissolve each peptide vial in 20 µl DMSO resulting in a peptide conc. of 1 mM. Store at -20°C</p> | | | | |
| Peptide source | CMV pp65 495-503 | | | | |

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