

Product Datasheet | HLA-A*30:02 easYmer® kit

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|------------------------|--|-------------|-----------------------|------------------------|
| Application | easYmers® are peptide loadable HLA class I monomers. | | | |
| | 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. | | | |
| Catalog no. | 1031-01 | | | |
| Size | Test | Vol. | Loading Buffer | Control Peptide |
| | 20 | 40 µl | 1 vial (0.5 ml) | 1 vial |
| | 50 | 100 µl | 1 vial (1 ml) | 1 vial |
| | 150 | 300 µl | 1 vial (1 ml) | 2 vials |
| | 500 | 1000 µl | 1 vial (3 ml) | 3 vials |
| Allotype | HLA-A*30:02 peptide receptive, biotinylated | | | |
| Concentration | 3 µM in Proprietary Tris/Maleate buffer pH 7, 30% Glycerol | | | |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. | | | |
| Shelf life | easYmers® are stable at -20°C for 24 months. | | | |
| Loading buffer | Tris/Maleate pH 7 | | | |
| Control Peptide | KLNWASQIY (20 nmol lyophilized peptide per vial) | | | |
| | HLA-A*30:02 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 | | | |
| Peptide source | Pol 418-426 | | | |

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