

## Product Datasheet | HLA-B\*40:01 easYmer® kit

|                        |  |             |                       |                        |
|------------------------|--|-------------|-----------------------|------------------------|
| <b>Application</b>     | 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. |             |                       |                        |
| <b>Catalog no.</b>     | 1082-01  |             |                       |                        |
| <b>Size</b>            | <b>Test</b>  | <b>Vol.</b> | <b>Loading Buffer</b> | <b>Control Peptide</b> |
|                        | 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                |
| <b>Allotype</b>        | HLA-B*40:01<br>peptide receptive, biotinylated   |             |                       |                        |
| <b>Concentration</b>   | 3 µM in Proprietary Tris/Maleate buffer pH 7, 30% Glycerol   |             |                       |                        |
| <b>Storage</b>         | Store at -20°C. Avoid repeated freeze-thaw cycles.   |             |                       |                        |
| <b>Shelf life</b>      | easYmers® are stable at -20°C for 24 months.   |             |                       |                        |
| <b>Loading buffer</b>  | Tris/Maleate pH 7  |             |                       |                        |
| <b>Control Peptide</b> | GEAMDTISV (20 nmol lyophilized peptide per vial )  |             |                       |                        |
|                        | HLA-B*40:01 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   |             |                       |                        |
| <b>Peptide source</b>  | YFV NS4A 21-29   |             |                       |                        |

**For Research Use Only (RUO)**