

## Product Datasheet | H2-Kb easYmer<sup>®</sup> kit

|                        |   |             |             |                       |                        |
|------------------------|---|-------------|-------------|-----------------------|------------------------|
| <b>Application</b>     | <p>easYmers<sup>®</sup> are peptide loadable HLA class I monomers.</p> <p>easYmers<sup>®</sup> 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> |             |             |                       |                        |
| <b>Catalog no.</b>     | 5004-01   |             |             |                       |                        |
| <b>Size</b>            |   | <b>Test</b> | <b>Vol.</b> | <b>Folding Buffer</b> | <b>Control Peptide</b> |
|                        | <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                |
| <b>Allotype</b>        | <p>H2-Kb<br/>peptide receptive, biotinylated in Tris/Maleate pH 7, 30% Glycerol</p>   |             |             |                       |                        |
| <b>Storage</b>         | Store at -20°C. Avoid repeated freeze-thaw cycles.  |             |             |                       |                        |
| <b>Shelf life</b>      | <p>easYmers<sup>®</sup> are stable at -20°C for 12 months.<br/>See expiration on vial</p>   |             |             |                       |                        |
| <b>Folding buffer</b>  | Tris/Maleate pH 7   |             |             |                       |                        |
| <b>Control Peptide</b> | <p>SIINFEKL (20 nmol lyophilized peptide per vial )</p> <p>H2-Kb 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>   |             |             |                       |                        |
| <b>Peptide source</b>  | OVA 257-264   |             |             |                       |                        |

**For Research Use Only (RUO)**