

TECHNICAL DATA SHEET



Enriching Biotechnology

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Product code:	P03
Product name:	MAG25K/Epoxy LA
Surface:	Epoxy (Long arm ,more than 10-carbon linker arm)
Average Size:	25µm
Matrix:	Cross-linked agarose
Shape:	Spherical
Magnetic property:	Superparamagnetic
Saturation magnetization:	>65emu/g
Magnetic separation speed:	< 20s
Stable in:	Aqueous buffers, pH 5~9, DMAC
Not Stable in:	Aqueous buffers, pH <5 or pH >9
Solid content:	10% (v/v) medium slurry
Product form:	Suspension in DMAC
Surface functional group density:	30~60 µmol/mL (100%, v/v)
Colour:	Dark
Additional remarks:	Storage at 2~8 °C. Do not freeze !
Expiry Date	Two years after production date
Protein binding capacity:	500 µg protein A (with cysteine) /mL (10%,v/v) 200 µg protein A(without cysteine) /mL(10%,v/v) 2~5 µmol peptide (with cysteine)/mL(10%,v/v)
Application:	Protein purification, Protein interactions, Peptide (with cysteine) conjugation