Service List:

Expression of scFv (1 liter)

Validation of V genes from hybridoma

Hybridoma IgG production and purification

Expression of scFv (10 liter)

Affinity Maturation Part 1. Antigen Preparation and Evaluation

Affinity Maturation Strategy 1. Random mutation (error-prone PCR)

Affinity Maturation Strategy 2. VL shuffling

Affinity Maturation Strategy 3. 4 CDR-mutation

Affinity Maturation Strategy 4. CDR-L3

De novo mAb Selection (single strategy)

IgG production

Isolation of V genes from hybridoma

Assembly of V genes from hybridoma

Isolation of V genes from hybridoma

Assembly of V genes from hybridoma

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IgG production

Cell surface affinity measurement

Affinity by KinExA - Step 1 Initial Test

Affinity by KinExA - Step 2 Full measurement

Cell surface affinity measurement