

**Polyclonal**  
**Monkey IgG purification kit (Code : MnIKPG-FF KIT)**  
**under physiological conditions, all steps**  
**Price: 300 EUR/KIT**

**KIT CONTENT**

(sufficient for 8 purifications with 15 ml monkey serum/each)

- **Monkey IgG Binding Gel** (Sepharose™ fast flow) (Code : MnIKPG-FF) : 5 ml gel column.  
Binding capacity : approx. 20 mg monkey IgG/ml wet gel.  
Purity : 95% by SDS-PAGE  
Maximum pressure : 3 bars (43 psi, 0.3 MPa).  
Gel life : approx. 50 cycles with routine regeneration.
- **Monkey IgG Binding Buffer** (Code : BBMnPG) 2x concentrated : 1,000 ml (Add 1000 ml of distilled water before use)
- **Monkey IgG Elution Buffer** (Code : EBMnPG) 4x concentrated : 125 ml (Add 375 ml of distilled water before use).
- **Monkey IgG Precipitating Agent** (Code : PAMnPG) : 8 x 1 sachet of sufficient quantity for precipitating all IgG from 15 ml of monkey serum/each.

**INSTRUCTIONS FOR USE**

1. Add with mild agitation 1 sachet of Precipitating Agent (PAMnPG) to 15 ml of monkey serum for 10 minutes. Stop the agitation and allows to stand for 30 minutes at 4°C . Centrifuge at 3000 g for 10 minutes. Discard the supernant from the pellet. Dissolve the pellet in 30 ml of monkey IgG Binding Buffer (BBMnPG). Such a sample is ready to be loaded into the column.
2. Equilibrate the column with 20 ml of monkey IgG Binding Buffer (BBMnPG).
3. Load the sample prepared in point 1 into the column prepared in point 2 at a flow rate of 30 ml/hour.
4. Wash the column with 200 ml of monkey IgG Binding Buffer (BBMnPG).
5. Elute the monkey IgG with the monkey IgG Elution Buffer (Code : EBMnPG) until the O.D. at 280nm of the eluent reaches the baseline level. Collect 10 fractions of 5 ml elution volume.
6. Assay the elution fractions obtained as described in point 5, using the most appropriate system (SDS-PAGE, immunodiffusion, radioimmunoassay, Elisa...)

**REGENERATION OF THE MONKEY IgG BINDING GEL**

**It is recommended to regenerate the gel after every 5 cycles of use.**

1. Wash the column with 10x volumes of NaOH 0.1M.
2. Wash the column with 10x volumes of distilled water.
3. Equilibrate the column 10x volumes of PBS (50 mM K<sub>2</sub>HPO<sub>4</sub>, 150mM NaCl) pH 7.4.
4. Store the column at 4°C in the presence of NaN<sub>3</sub> 0.1% (w/v).
5. For the next use, see INSTRUCTION FOR USE as described above.

**If you need sterile materials, the regeneration can be carried out as follows.**

**STERILE REGENERATION OF THE MONKEY IgG BINDING GEL**

**(GEL SANITIZATION)**

**AFTER EVERY 5 CYCLES OF USE**

1. Wash 1 volume of gel column with 5 volumes of acetic acid 1 M.
2. Wash this column with 10 volumes of sterile distilled water.
3. Wash this column with 5 volumes of NaOH 1M.
4. Wash this column with 10 volumes of sterile distilled water.
5. Wash this column with 10 volumes of PBS (50 mM K<sub>2</sub>HPO<sub>4</sub>, 150mM NaCl) pH 7.4; NaN<sub>3</sub> 0.1%(w/v).
6. The sterile gel column is now ready to be re-used.