

## imultiomics

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# 小分子-靶点蛋白富集及质谱筛选 (LFQ) SM-PD Enrichment Kit (Biotin tag, MS grade) Catalog Number: MG05

multiomics



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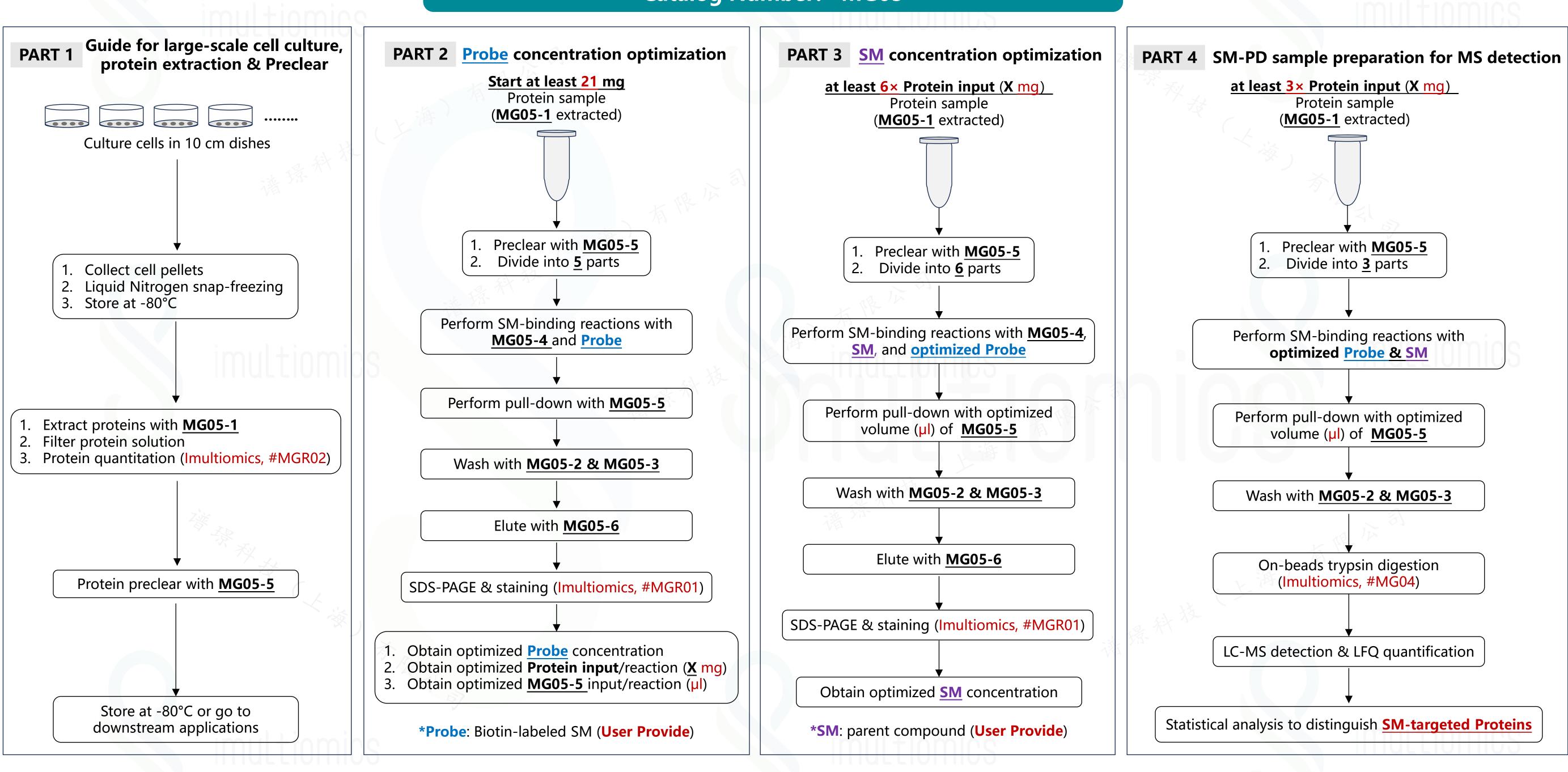


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### Workflow of SM-PD Enrichment Kit (Biotin tag, MS grade) Catalog Number: #MG05

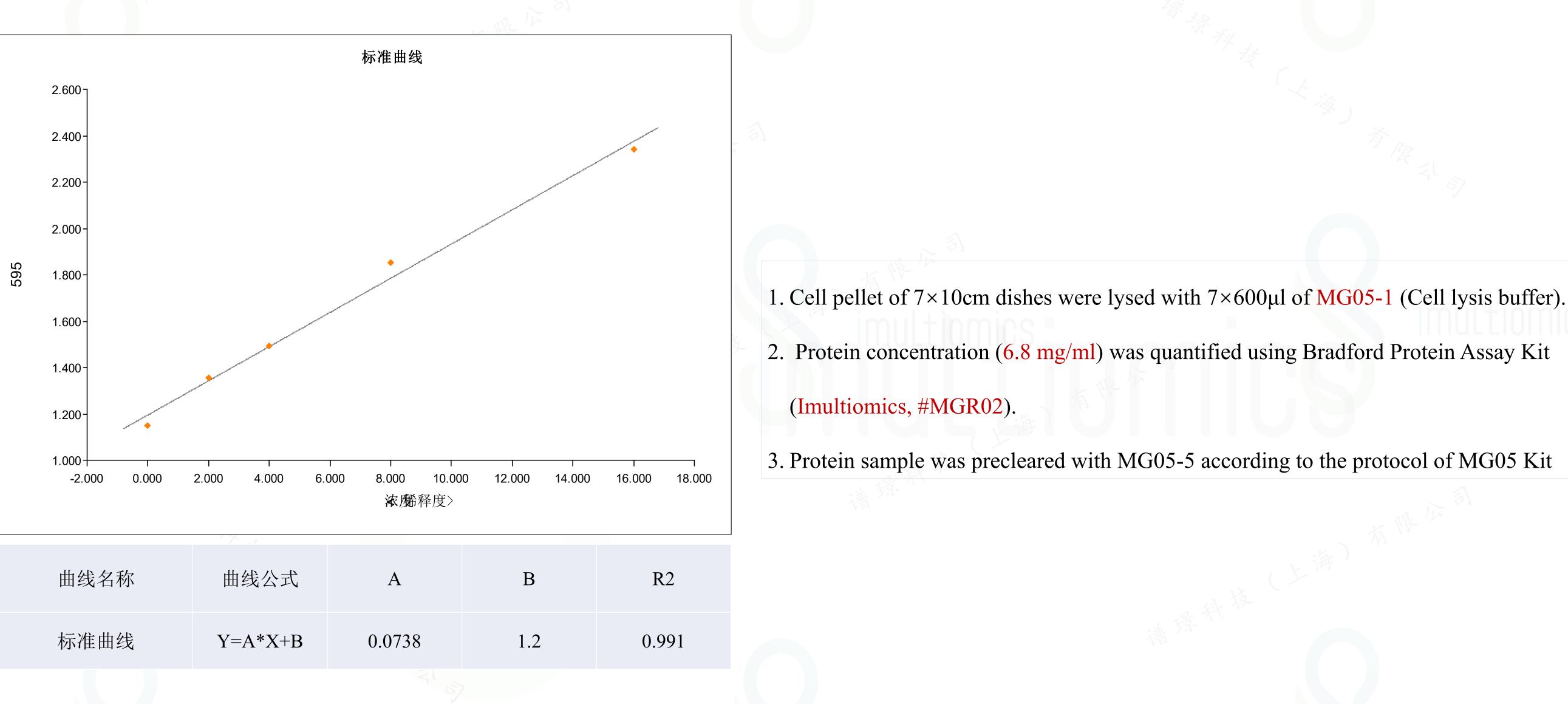


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2



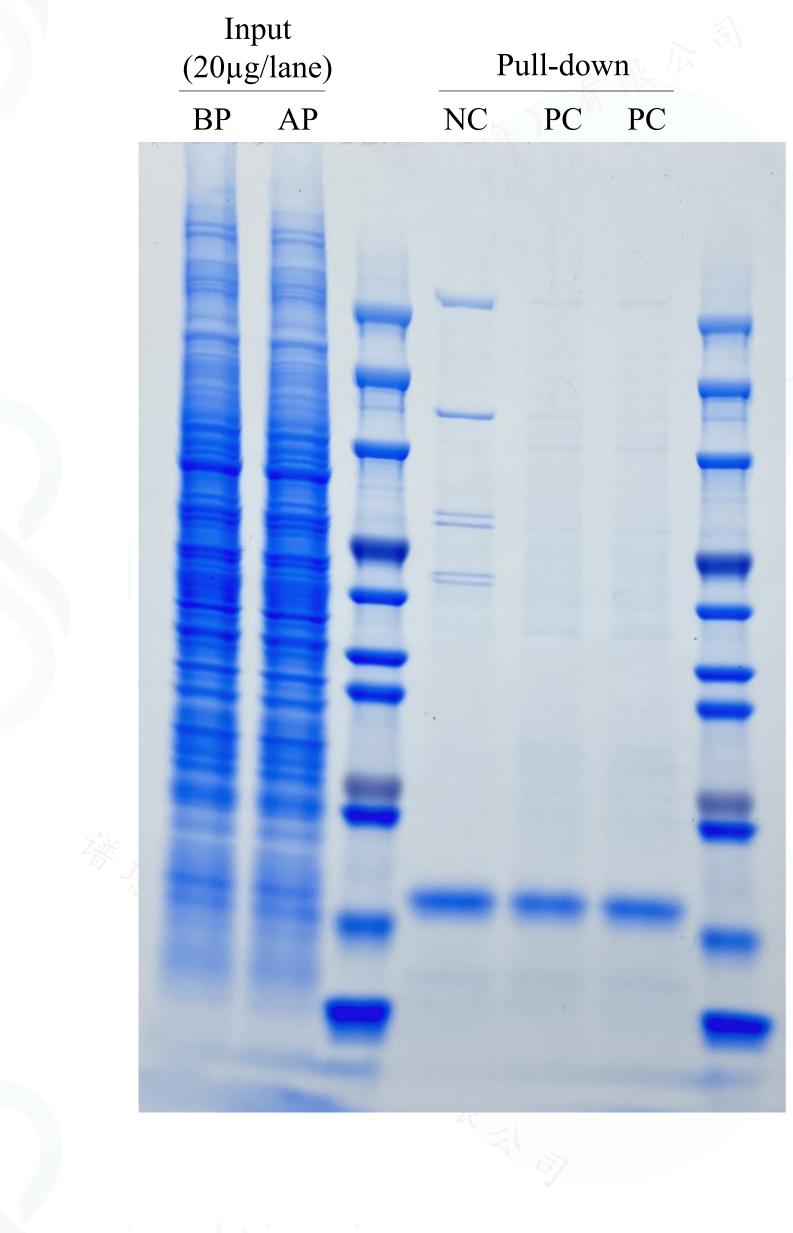
### A. Protein extraction, Quantitation & Preclear



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### **B.** Pull-down data of PC in MG05 Kit

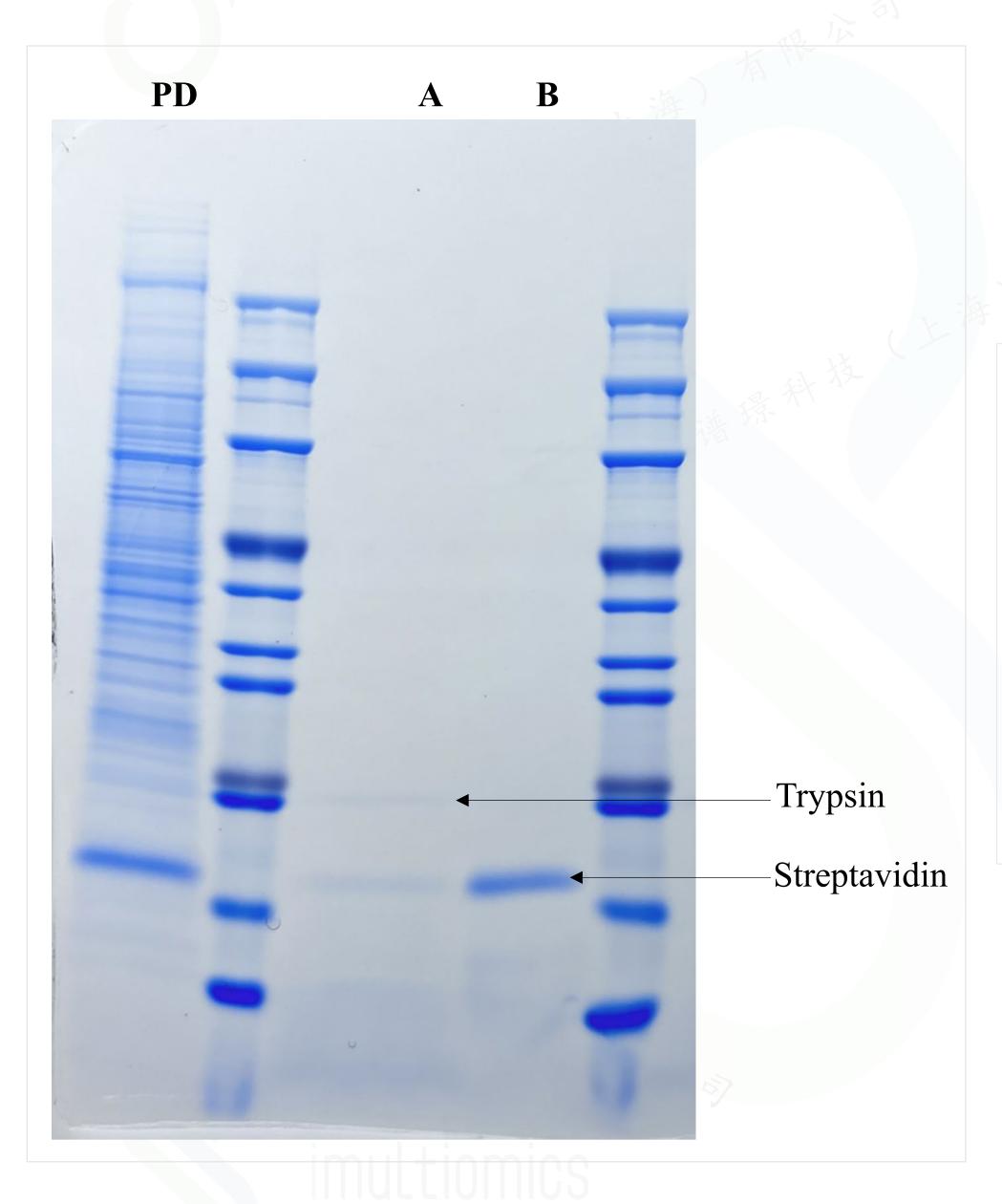
- 1. BP: Before Preclear
- 2. AP: After Preclear
- 3. NC: negative control (MG05-5 beads only)
- 4. PC (Positive control): MG05-4 in MG05 Kit. PC is the biotin-labeled small molecule (SM). The pull-down data of PC showed differential bands in contrast to that of NC.
- 5. SDS-PAGE gel was stained with Coomassie Blue Staining Reagent (Imultiomics, #MGR01)

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### C. Streptavidin remained on beads after on-beads digestion

PD: MG05-5 (Streptavidin-beads) enriched proteins by pull-down. PD was conducted in duplicate. A. PD sample was carried out on-beads digestion using Co-IP/pull-down in-solution digestion Kit (Imultiomics, #MG04), the enriched proteins were completely digested into peptides in contrast to that of PD.

**B.** The left beads after on-beads digestion was treated with MG05-6 (5× sample loading buffer) for Coomassie blue staining (Imultiomics, #MGR01). The data showed most of streptavidin remained on beads (MG05-5) after on-beads digestion, less interference of Pull-down enriched proteins identification by LC-MS!

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