Native Staphylococcus aureus Protein A Conjugated HRP

Catalog No.：OM770361

Sequence Information

Species： Staphylococcus aureus **Gene ID: 3919448**

Swiss Prot: P02976 **Synonyms: SPA**

Residues: Met1-Leu516

MKKKNIYSIRKLGVGIASVTLGTLLISGGVTPAANAAQHDEAQQNAFYQVLNMPN
LNADQRNGFIQSLKDDPSQSANVLGEAQKLNDSQAPKADAQQNNFNKDQQSAF
YEILNMPNLNEAQRNGFIQSLKDDPSQSTNVLGEAKKLNESQAPKADNNFNKEQ
QNAFYEILNMPNLNEEQRNGFIQSLKDDPSQSANLLSEAKKLNESQAPKADNKF
NKEQQNAFYEILHLPNLNEEQRNGFIQSLKDDPSQSANLLAEAKKLNDAQAPKAD
NKFNKEQQNAFYEILHLPNLTEEQRNGFIQSLKDDPSVSKEILAEAKKLNDAQAPK
EEDNNKPGKEDNNKPGKEDNNKPGKEDNNKPGKEDNNKPGKEDGNKPGKEDN
KKPGKEDGNKPGKEDNKKPGKEDGNKPGKEDGNKPGKEDGNGVHVVKPGDTV
NDIAKANGTTADKIAADNKLADKNMIKPGQELVVDKKQPANHADANKAQALPETG
EENPFIGTTVFGGLSLALGAALLAGRRREL

Product Information

Source: Native

Host: Staphylococcus aureus

Tags: Tag free

Subcellular Location: Cell Wall

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.54

Predicted Molecular Mass: 56.4kDa

Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.

Conjugate： HRP

[USAGE]

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

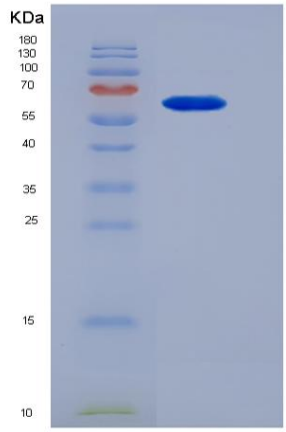


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.