

CPA607Mi21 100µg
OVA Conjugated Orexin A (OXA)
Organism Species: Homo sapiens (Human)
Mus musculus (Mouse)
Rattus norvegicus (Rat)
Canis familiaris; Canine (Dog)
Bos taurus; Bovine (Cattle)
Sus scrofa; Porcine (Pig)
Ovis aries; Ovine (Sheep)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Protein Conjugation

Original Peptide Residues: Gln34-Leu66

Purity: >90%

Traits: Freeze-dried powder.

Buffer formulation: PBS, pH7.4.

Applications: Immunogen; Coating Antigen; Blocking Peptide; ELISA.

Note: 100% cross-reactivity of OXA was observed among human, mouse, rat, canine, bovine, porcine and ovine.

[**USAGE**]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 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.

[**SEQUENCE**]

ELLHGAGNHA AGILTL

QPLPDCC RQKTCSCRLY

[IDENTIFICATION]

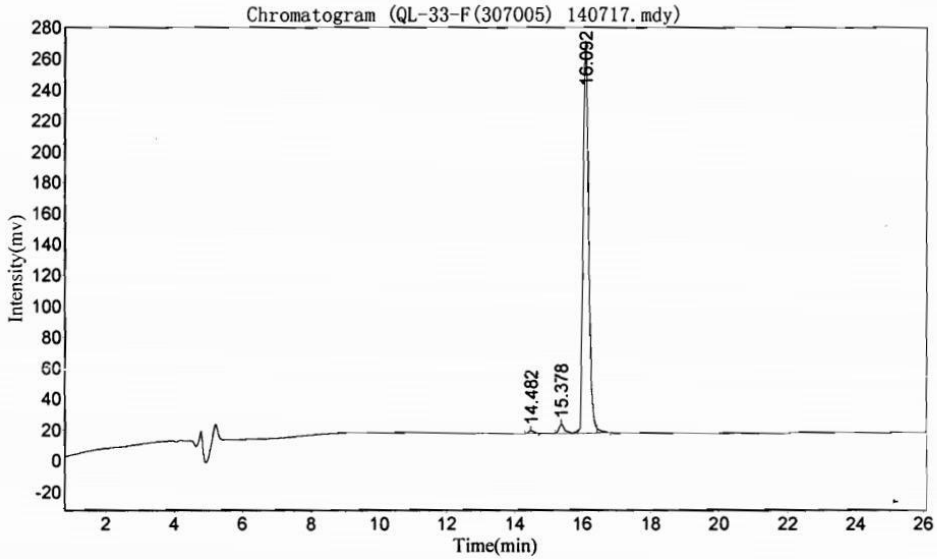


Figure 1. HPLC of the Original Peptide

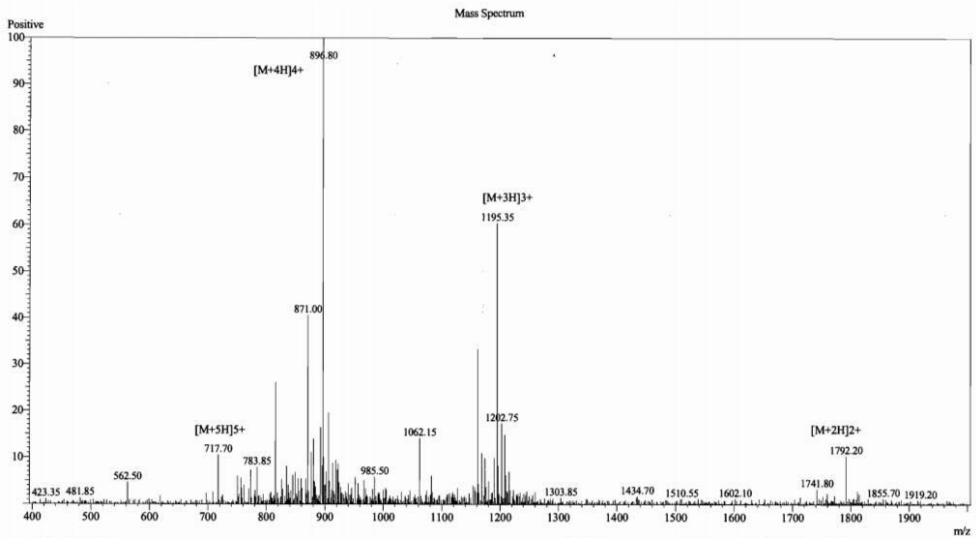


Figure 2. MASS Spectrometry of the Original Peptide

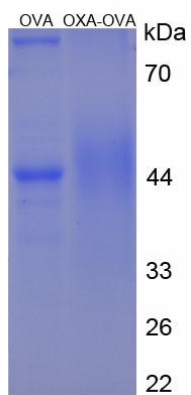


Figure 3. SDS-PAGE of OVA Conjugated OXA