The genus *Listeria* is comprised of six species: *L. monocytogenes, L. ivanovii, L. innocua, L. welshimeri, L. seeligeri, and L. grayi*. All *Listeria* species are widely found in nature as well as in many food industry-related applications [1] and are gram-positive rod-shaped bacteria. Among these species, *Listeria monocytogenes* is known to infect humans (Listeriosis), causing sepsis, meningitis, or encephalitis [2]. Due to the preferential infectivity of *L. monocytogenes* in infants, pregnant women, and immunocompromised patients combined with a high fatality rate, this organism can be classified as an important opportunistic infectious agent which is an emerging problem in public hygiene [3,4,5]. In order to prevent *L. monocytogenes* infection, prescreening of processed food with a reliable diagnostic kit is necessary.

**LITERATURES:**


**SPECIFIC**

**Listeria monocytogenes** Detection Kit

**Excellent Quality • High Sensitivity • Batch-to-Batch Reproducibility**

**Features:**

- Sensitive Sandwich ELISA Kit
- Qualitative & Specific Detection of *L. monocytogenes*
- Ready-to-use System
- Enables to differentiate detection of *L. monocytogenes* from other *Listeria* species

**Listeria monocytogenes** SURE mono ELISA Kit

AG-45A-0026EK-KIO1 1 Kit

For qualitative determination of *L. monocytogenes*.

**QUANTITY:** 96 wells (~80 tests).  **DETECTION LIMIT:** 1ng/ml culture supernatant.

Features

Today, a number of methods for detecting *L. monocytogenes* in sample probes exist. However, conventional methods (biochemical identifications, PCR-based technologies) are extremely time-consuming, while microbased arrays and immunological assays require sophisticated machines and laboratory knowledge.

The AdipoGen® *Listeria monocytogenes* SURE mono ELISA Kit is an easy, ready-to-use system to specifically identify *L. monocytogenes*. The system relies on the outstanding monoclonal capture-antibody p6007 (Prod. No. AG-20A-0022) that recognizes specifically the secretory enzyme p60 of *L. monocytogenes* and a polyclonal antibody recognizing pan p60 (Prod. No. AG-25A-0019) as the detection antibody. p6007 discriminates *L. monocytogenes* from the other *Listeria* species. Furthermore, a similar ELISA kit (please inquire) was developed to detect general *Listeria* species, using the pan-*Listeria* monoclonal antibody p6017 (AG-20A-0023).

Related Products

**anti-*Listeria monocytogenes* p60, mAb (p6007)**

- AG-20A-0022-C050
- AG-20A-0022-C100
- CLONE: p6007
- ISO TYPE: Mouse IgG1
- IMMUNOGEN: Recombinant *L. monocytogenes* p60
- SPECIFICITY: Recognizes both natural and recombinant *L. monocytogenes* p60 protein. Does not cross-react with other *Listeria* species.
- APPLICATION: ELISA, WB

**anti-*Listeria* spp. p60, mAb (p6017)**

- AG-20A-0023-C050
- AG-20A-0023-C100
- CLONE: p6017
- ISO TYPE: Mouse IgG1
- IMMUNOGEN: Recombinant *Listeria* spp. p60
- SPECIFICITY: Recognizes both natural and recombinant *Listeria monocytogenes* p60 protein. Weakly cross-reacts with other *Listeria* species (*L. innocua, L. ivanovii*).
- APPLICATION: ELISA, WB

**anti-*Listeria* spp. p60, pAb**

- AG-25A-0019-C100
- SOURCE/HOST: From rabbit
- IMMUNOGEN: Recombinant *Listeria* spp. p60
- SPECIFICITY: Recognizes a wide range of *Listeria* p60 proteins.
- APPLICATION: ELISA, WB