

## Certificate of Analysis

**Product Name:** Attoglow Western Blot Analysis Kit – with Millennium Enhancer

**Catalog No.:** K3171120 K3171250

**Lot No.:** \_\_\_\_\_

**Shipping and Storage Condition:** Ship at Room Temperature, store at 2-8°C

**Shelf Life:** 1 year from the date of receipt under proper storage conditions

### Description

Components in this kit are prepared with pure chemicals according to the proprietary technology. They are used for ultra-sensitive chemiluminescent analysis of western blot. This kit provides a complete system for western blot analysis, including 1) powerful, novel proprietary technology, Millennium Enhancer, which could significantly boost western blot signals, 2) protein interaction system, 3) chemiluminescent detection system and 4) unique blocking agent. Four distinguished formats are provided according to which kind of Secondary antibody is supplied (HRP-conjugated anti Mouse /anti-Rabbit /anti-Chicken /anti-Goat IgG). Two different sizes are available, which are good for 1,200 cm<sup>2</sup> and 2,500 cm<sup>2</sup> of membrane, respectively.

### Quality Control

- Run two samples, which contain 10 fg and 10 pg of purified rabbit muscle GAPDH protein in duplicate, on SDS-PAGE. Transfer the gel to a PVDF membrane. Cut the membrane into two pieces, each contains one set of samples. Treat one piece with Millennium Enhancer, another as an untreated control, and both blotted with anti-GAPDH antibody clone 6C5 and HRP-conjugated anti-Mouse IgG. The 10 fg-sample should give one visible band only on the treated membrane, and the band should be almost as dark as that shown by the 10 pg-sample on the untreated membrane.
- Components in this kit are free of precipitate. When testing by visible spectrophotometry, the color of the solution is comparable to a control (previous) Lot. Results from this Lot of kit are comparable to those obtained with control (previous) lot of the solution.

### Components

1. 1 Attoglow Western Blot Analysis Kit
2. Certificate of Analysis
3. One User Manual
4. MSDS

**FOR IN VITRO RESEARCH USE ONLY**

**APPROVED BY:** \_\_\_\_\_

