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## News Release

Company : KYORIN Holdings, Inc.  
Representative: Minoru Hogawa  
Representative Director, President  
(Security Code: 4569, TSE 1st Sec.)  
Contact: Shuji Miyaki  
Director, Corporate Communication  
President's Office  
Phone: 03-3525-4707

### **Release of Alcohol free hand-sanitizer Noahtect**

Kyorin Pharmaceutical Co., Ltd. (Head office: Chiyoda-ku, Tokyo, President: Mitsutomo Miyashita, "Kyorin"), a wholly owned subsidiary of Kyorin Holdings, Inc., has signed a license contract with UK-based company Byotrol plc regarding Alcohol free hand-sanitizer Noahtect for hand hygiene, giving Kyorin the exclusive right to manufacture and market the product in Japan. It will begin marketing the product on November 15, 2016.

As the importance of routine infection prevention and control increases in medical institutions and other facilities, Kyorin group has worked on the environmental hygiene business in order to contribute to medical needs and health by controlling the environment and infection, and it will further enhance its product lineup with the launch of this product.

#### **1. About Alcohol free hand-sanitizer Noahtect**

##### **(1) Background of launch**

The most frequent infection route in medical practice is contact infection via the fingers and environmental surfaces. As a prevention measure against such contact infection, the hygiene control of the environmental surfaces that the hands touch frequently and of the fingers is considered to be important. For hand hygiene, the US Center for Disease Control (CDC) and the World Health Organization (WHO) recommend the use of alcohol hand sanitizer in their guidelines, but some medical professionals have difficulty using existing hand sanitizers due to sensitivity to alcohol and high-frequency use. As a result, products for such cases are sought.

To respond to these needs, Kyorin has decided to introduce and market this product, which was developed by UK-based company Byotrol plc and is currently sold in the UK and other countries. In 2013 the product was registered on the NHS Supply Chain, a supply network of medical raw materials, under the National Health Service (NHS), the UK's public health system. It is increasingly used in medical institutions and other facilities that place emphasis on improving the rate of hand hygiene compliance.

(2) Product features

The product is a hand sanitizer mainly for medical institutions and other facilities. When compared with existing products, the product has the following features and is expected to improve the rate of hand hygiene compliance. (For details, see the reference material.)

- (i) Alcohol-free hand sanitizer that is gentle on the hands
- (ii) Foam product that is non-sticky and has a pleasant feel on the hands
- (iii) Low fragrance and irritation
- (iv) Effectiveness against common bacteria, fungi, and viruses tested and confirmed to comply with the European Norm (EN).
- (v) Registered on the NHS Supply Chain and used for hand hygiene in medical institutions, etc. in the UK

**2. Impact on consolidated results and future outlook**

Kyorin expect the impact on business performance for the fiscal year ending March 31 2017 to be negligible.