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Eisai Co., Ltd.

**FOR DEALING WITH VIRUSES AND BACTERIA!  
ANTIMICROBIAL BARRIER THAT LASTS FOR 1 WEEK  
“ETAK® ANTIMICROBIAL SPRAY α” WINS NIKKEI BUSINESS DAILY AWARDS FOR  
SUPERIORITY AT THE 2018 NIKKEI SUPERIOR PRODUCTS AND SERVICES AWARDS**

Eisai Co., Ltd. (Headquarters: Tokyo, CEO: Haruo Naito, “Eisai”) has announced that it received a “Nikkei Business Daily Awards for Superiority” for its Etak® Antimicrobial Spray α (Alpha), which contains long-acting antimicrobial agent Etak®, at the 2018 Nikkei Superior Products and Services Awards sponsored by Nikkei Inc.

Since 1982, the Nikkei Superior Products and Services Awards are awarded every year to superior new products and services, and this marks the 37th iteration of the awards. Without accepting applications for nomination, award recipients are selected from among the approximately 20,000 new products and services reported in The Nikkei, The Nikkei Business Daily, The Nikkei Marketing Journal, The Nikkei Veritas, Nikkei.com (the Nikkei’s electronic edition) and the Nikkei Asian Review. For screening, products and services are comprehensively assessed across six aspects: 1) Excellence in technology development, 2) Cost-effectiveness, 3) Contribution to business performance, 4) Growth potential, 5) Uniqueness, and 6) Commercial impact and social impact.

Etak® Antimicrobial Spray α was selected for offering the concept of “long-acting antimicrobial action” in the anti-virus/bacteria product market and for developing a new customer segment in consideration of ease-of-use for child-raising families due to being non-alcohol, as well as for cost-performance by providing an antimicrobial effect that lasts for one week and with 250 ml can be used for approximately 800 pushes.



Etak<sup>®</sup> Antimicrobial Spray α was born from a previously unheard of concept of keeping viruses and bacteria at bay with an antimicrobial barrier. The product is a spray that contains Etak<sup>®</sup>, a patented long-acting antimicrobial agent developed by Professor Hiroki Nikawa of the Department of Oral Biology and Engineering at Hiroshima University's Graduate School of Biomedical and Health Sciences. Not only is it possible to eliminate viruses and bacteria by simply spraying the product, the antimicrobial component is bound to the spray area, providing an antimicrobial effect that lasts for one week even after drying.

Spraying Etak<sup>®</sup> Antimicrobial Spray α beforehand creates an antimicrobial barrier on various objects in the surrounding environment which keeps away viruses and bacteria. Spraying coats, gloves and bags before going out will repel viruses and bacteria, and also helps prevent the spread of viruses and bacteria indoors via hands and objects. A single bottle of Etak<sup>®</sup> Antimicrobial Spray α can be used in a variety of lifestyle scenes including on door knobs, tables, bedding, kitchen items such as counters, chopping boards and knives, as well as in bathrooms and toilets. In addition, the product is scentless and contains no alcohol, making it also ideal for children's items such as toys, as well as nursing care items.

Together with providing Etak<sup>®</sup> Antimicrobial Spray α to contribute to consumers who wish to keep viruses and bacteria at bay, Eisai remains committed to ensuring the delivery of products that satisfy the diversified needs of consumers and to further increasing the benefits provided to them.

\*This product is not effective on all types of virus and bacteria.

\*This product is not a pharmaceutical product nor a quasi-pharmaceutical product.

\*Etak<sup>®</sup> is a registered trademark of CampusMedico Co., Ltd.

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**[Notes to editors]**

**1. Product Outline of Etak<sup>®</sup> Antimicrobial Spray α**

Product name	Etak <sup>®</sup> Antimicrobial Spray α (Miscellaneous Goods)
Ingredients	Water, long-acting antimicrobial agent (compound containing ethoxysilane), solubilizing agent, stabilizing agent
Directions for use	<ul style="list-style-type: none"><li>•Please remove stopper when using. Returning the stopper locks the product.</li><li>•Please keep the nozzle 20-30cm away from the target and spray an appropriate amount.</li><li>•When using for the first time, please press the spray button a few times to activate the spray mechanism.</li><li>•In order to achieve a uniform spread, please wipe the surface with a cloth or other item after spraying.</li><li>•Please do not use this product upside down.</li></ul>
Volume / Suggested retail price (excluding tax)	250ml / 1,280 yen
Manufacturer	Jex Co., Ltd.
Supplier	Eisai Co., Ltd.

**2. About Long-acting Antimicrobial Agent Etak<sup>®</sup>**

Etak<sup>®</sup> was developed by Professor Hiroki Nikawa of the Department of Oral Biology and Engineering at Hiroshima University's Graduate School of Biomedical and Health Sciences. It is a patented long-acting antimicrobial agent (patent number: 4830075) that combines quaternary ammonium salts, which are also included in hand sanitizers and oral cleansing agents used by dentists, with a silane analogue, an immobilizing agent that functions as an adhesive. Etak<sup>®</sup> chemically binds the antimicrobial component to the spray area, thereby preserving the antimicrobial effect on the surface of the target object.