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For Immediate Release

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**Notice of Allowance of Japanese Patent for**  
**“BIOLOGICAL SAMPLE STORAGE TUBE CAP, AND BIOLOGICAL SAMPLE**  
**STORAGE CONTAINER EQUIPPED WITH SAME”**

Kitazato Corporation is pleased to announce that it has received a notice of allowance for the Japanese patent application “BIOLOGICAL SAMPLE STORAGE TUBE CAP, AND BIOLOGICAL SAMPLE STORAGE CONTAINER EQUIPPED WITH SAME” (Japanese Patent Application No. 2022-544528).

The biological samples used in preimplantation genetic testing (PGT) consist of microscopic cells biopsied from human embryos. Each biopsied cell is extremely small, measuring approximately  $\phi 0.02$  mm  $\times$  L 0.04 mm. Handling such minute samples and transferring them into sample containers (biological sample storage tubes), has long been recognized as technically challenging.

This invention provides a cap for biological sample storage tubes and a storage container equipped with this cap. It enables biological samples to be securely and easily placed into the container.

This new technology helps prevent the loss of biological samples and ensures their secure storage within the sample container, allowing safe progression to subsequent genetic testing processes. At the same time, it contributes to generating more reliable and consistent preimplantation genetic testing results.

We are currently exploring the development and mass-production of products utilizing this invention, while also pursuing the acquisition of foreign patents. We will continue to provide regular updates on our progress.

<Glossary>

Preimplantation Genetic Testing (PGT)

A test that examines the chromosomal number and structure, as well as the genetic information in the nucleic acid sequences of embryos obtained through in vitro fertilization. (Japan Association of Obstetricians and Gynecologists, “(4) Preimplantation Genetic Testing”, Last accessed on November 19, 2025) It is one of the assisted medical technologies selectively used, as needed, in treatments to overcome infertility and recurrent pregnancy loss, and is widely used worldwide. (Japan Society of Obstetrics and Gynecology, “Embryo Diagnosis Guidelines in Preimplantation Genetic Testing for Aneuploidy” February 1, 2022.)