

Gambaran Pelaksanaan Sistem Manajemen Logistik Bahan Pengujian di Laboratorium Mikrobiologi Balai Besar Uji Standar Karantina Hewan, Ikan, dan Tumbuhan (BBUSKHIT) = Overview the Implementation of the Testing Material Logistics Management System in the Microbiology Laboratory of the Center for Standard Testing of Animal, Fish, and Plant Quarantine

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Abstrak

Ketersediaan bahan pengujian yang tepat waktu menjadi salah satu faktor penentu dalam kelancaran proses pengujian di laboratorium, terutama dalam mendukung fungsi karantina dan perlindungan kesehatan masyarakat melalui keamanan pangan. Penelitian ini bertujuan untuk mengetahui gambaran pelaksanaan sistem manajemen logistik bahan pengujian di Laboratorium Mikrobiologi Balai Besar Uji Standar Karantina Hewan, Ikan, dan Tumbuhan, dengan meninjau aspek input, proses, output, dan dampak logistik. Penelitian ini menggunakan pendekatan deskriptif kualitatif. Hasil penelitian menunjukkan bahwa masih terdapat beberapa kendala, seperti belum optimalnya ketersediaan bahan pengujian dari aspek waktu. Masalah tersebut berdampak pada terjadinya kekosongan stok bahan pengujian (stockout) dan keterlambatan pengujian. Kondisi ini berpotensi menghambat proses tindakan karantina, menunda pengambilan keputusan tindakan, serta berisiko mengganggu keamanan pangan sebagai perlindungan kesehatan masyarakat.

.....The timely availability of testing materials is one of the key factors determining the smooth execution of laboratory testing processes, particularly in supporting quarantine functions and protecting public health through food safety. This study aims to describe the implementation of the logistics management system for testing materials at the Microbiology Laboratory of the Central Laboratory for Standards Testing of Animal, Fish, and Plant Quarantine, by examining the aspects of input, process, output, and the impacts of logistics. This research uses a descriptive qualitative approach. The results show that there are still several challenges, such as the suboptimal availability of testing materials in terms of timing. This issue has led to stockouts and delays in testing. Such conditions have the potential to hinder quarantine measures, delay decision-making, and pose risks to food safety as part of public health protection efforts.