



Sarankhola Upazila Health Complex

Sarankhola, Bagerhat

Date: 15/06/2025

To Whom It May Concern

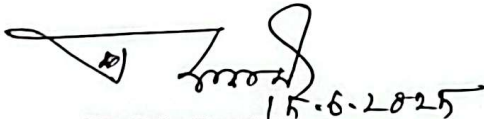
On October 27, 2024, a research proposal titled "Comprehensive Collection and Clinical Validation of Hemato-Serological Markers in Typhoid and Related Febrile Illnesses" was submitted to the Sharankhola Upazila Health Complex, Sharankhola, Bagerhat for patient data collection and validation. The principal investigator, Md. Hassan Imam Bijoy, a faculty member of the Department of Computer Science and Engineering at Daffodil International University, led the research team in conducting this study.

I, Dr. Prio Gopal Biswas, a medical doctor, hereby certify that I have thoroughly validated the dataset, which includes hematological and clinical data from 1106 patients collected between October 27, 2024 and January 2, 2025 from the Sharankhola Upazila Health Complex, Bagerhat, Bangladesh. The dataset was collected under strict ethical protocols and included features such as serological titers, gender, age, and diagnosis status across multiple classes of typhoid and other febrile illnesses. The validation process included statistical analysis, clinical review, and manual verification. The summary of typhoid classification is given below:

Typhoid Classification	Number of Patients	Percentage (%)
Minimal	563	50.9%
Negative	464	42.0%
Positive	79	7.1%
Total	1106	100%

After a meticulous validation process carried out by my team, I hereby certify that the dataset has been thoroughly validated. The validation certification is officially granted on June 15, 2025.

Best Regards,



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