



**UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE  
HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION**

**ETHICAL CLEARANCE CERTIFICATE**  
**Number: 0581/HRECC.FODM/VI/2026**

Universitas Airlangga Faculty of Dental Medicine Health Research Ethical Clearance Commission has studied the proposed research design carefully, Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011, and therefore, shall herewith certify that the research entitled:

**"The Effect of Alcohol Consumption and Smoking Habits on the Enzymatic Profile of Alkaline Phosphatase (ALP) and Gamma Glutamyl Transferase (GGT)"**

Principal Researcher

: **Balgis Dewi Ruhil ah**

Unit/Institution/Place of Research

: **Laboratorium Patologi Klinik Universitas Muhammadiyah Sidoarjo**

**CERTIFIED TO BE ETHICALLY CLEARED**



**Surabaya, June 8, 2026**  
**Chairman,**

**Prof. Dr. Ernie Maduratna S., drg., M.Kes., Sp.Perio(K)**  
**Official No. 196602121992032001**