

Characterization of *Plasmodium vivax* Heat Shock Protein 70 and Evaluation of Its Value for Serodiagnosis of Tertian Malaria

Byoung-Kuk Na, Jae-Won Park, Hyeong-Woo Lee, Khin Lin, Seon-Hee Kim,
Young-An Bae, Woon-Mok Sohn, Tong-Soo Kim, and Yoon Kong

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We have characterized *Plasmodium vivax* heat shock protein 70 (PvHSP70) and evaluated serodiagnostic applicability of recombinant PvHSP70 (rPvHSP70). In enzyme-linked immunosorbent assays and immunoblot analyses, rPvHSP70 showed high sensitivity (88.8%; 203/228 cases). *P. falciparum*-infected sera revealed positive reactions (78.8%). The predominant immunoglobulin G (IgG) subclasses were segregated with IgG1 and IgG3.