Figure 1. Kokap Subdistrict (green colour) is belong to Kulon Progo District, Yogyakarta Province (orange colour) and located in Java Island Indonesia (inset). The subdistrict is bordered with other malaria endemic subdistricts that is Girimulyo in the north which is also in Kulon Progo District, Yogyakarta Province and Bagelen & Kaligesing in the west which are belong to Purworejo District, Central Java Province. Kokap I PHC administrative area covers Kalirejo, Hargorejo and Hargomulyo villages whereas Kokap II PHC covers Hargotirto and Hargowilis villages.