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Title: Development and validation of an ELISA kit (YF MAC-HD) to detect IgM to yellow fever virus

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Highlights

- A yellow fever IgM ELISA assay kit (YF MAC-HD) based upon the CDC MAC-ELISA was developed
- Assay time is reduced from 2 days to 3.5 h
- The kit is >90% accurate when compared to the CDC MAC-ELISA
- Kits are stored at 4 °C and can tolerate temporary suboptimal storage or shipping conditions
- The kit will reduce materials wastage and improve quality of YFV serologyin endemic areas

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