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**Development of monoclonal antibody-based immunoassays for quantification
and rapid assessment of dihydroartemisinin contents in antimalarial drugs**

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Highlights

- A new hapten for dihydroartemisinin (DHA) was obtained by microbial fermentation
- Screening of hybridoma identified a DHA-specific monoclonal antibody
- Two immunoassays icELISA and dipsticks were developed for DHA detection
- The dipsticks have the potential for DHA quality control in point-of-care settings

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