Plasmid pL0004, for Transfection in *Plasmodium berghei*

**Catalog No. MRA-773**

For research use only. Not for human use.

**Contributor:**
Professor Andrew P. Waters, Ph.D., Malaria Research Group, Department of Parasitology, Centre for Infectious Diseases, Leiden University Medical Centre, Leiden, the Netherlands

**Manufacturer:**
BEI Resources

**Product Description:**
MRA-773 is a *Plasmodium berghei* (*P. berghei*) transformation plasmid, pDEFSSUToxo (RV), used for insertion (single crossover) with the *Toxoplasma gondii* dihydrofolate reductase-thymidylate synthase (*tdhfr/ts*) selectable marker.1 The targeted integration locus is c- and d-ssu-rrna.

The resulting size of the plasmid is approximately 7600 base pairs. The complete plasmid sequence and plasmid map are provided on the Certificate of Analysis for MRA-773.

**Material Provided:**
Each vial contains approximately 0.2 µg of plasmid DNA in 10 mM Tris-HCl, pH 8.5. The vial should be centrifuged prior to opening.

**Packaging/Storage:**
MRA-773 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

**Note:** MRA-773 was not provided in ethylenediaminetetraacetic acid (EDTA); for long-term storage, EDTA may be added to a final concentration of 1 mM.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Plasmid pL0004, for Transfection in *Plasmodium berghei*, MRA-773, contributed by Andrew P. Waters.”

**Biosafety Level:** 1

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**References:**

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