

**Materials List for:**

# Phenotypic Analysis of Rodent Malaria Parasite Asexual and Sexual Blood Stages and Mosquito Stages

Ahmed S. I. Aly<sup>1,2</sup>, Gozde Deveci<sup>1</sup>, Ilknur Yilmaz<sup>1</sup>, Amanah Abraham<sup>2</sup>, Aneesa Golshan<sup>2</sup>, Robert J. Hart<sup>1</sup>

<sup>1</sup>Beykoz Institute of Life Sciences and Biotechnology, Bezmialem Vakif University

<sup>2</sup>School of Public Health and Tropical Medicine, Department of Tropical Medicine, Tulane University

Correspondence to: Ahmed S. I. Aly at [ahmed.aly@bezmialem.edu.tr](mailto:ahmed.aly@bezmialem.edu.tr)

URL: <https://www.jove.com/video/55688>

DOI: [doi:10.3791/55688](https://doi.org/10.3791/55688)

## Materials

Name	Company	Catalog Number	Comments
Heparin	Sigma	375095-100KU	
Xanthurenic acid	Sigma	D120804-5G	
Hypoxanthine	Sigma	H9377-25G	
Alsever's solution	Sigma	A3551-500ML	
Sodium Bicarbonate	Sigma	S5761-500G	
Phenylhydrazine	Sigma	P26252-5G	
Glycerol	Sigma	G5516-500ML	
Giemsa	Sigma	GS1L-1L	
26G x 3/8 Precision Glide Needle,	Becton Dickinson	305110	
1 ml TB Syringe, 26G x 3/8	Becton Dickinson	309625	
1 cc Insulin Syringe, U-100 27G	Becton Dickinson	329412	
Isoflurane, USB	Piramal	2667- 46- 7	
PBS, pH 7.4	Gibco	10010049	
RPMI	Gibco	22400105	
DMEM	Gibco	11995065	
Pencillin/ Streptomycin	Gibco	10378016	
Fetal Bovine Serum	Gibco	10082147	
Fiber Glass Wool	Corning	3950	