



Dec 29, 2020

Transplantation of Chicken Egg-White Extract-Induced Rabbit PBMCs as a Treatment for Renal Ischemia-Reperfusion Injury in Rabbits

PLOS One

ruangp¹¹920th Hospital of the Joint Logistics Support Force of the PLA**1** Works for me dx.doi.org/10.17504/protocols.io.bpyrmpv6

ruangp

EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0244160>

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Ruan G, Yao X, Lin Q, Li Z, Cai X, Pang R, Pan X (2020) Transplantation of chicken egg white extract-induced rabbit PBMCs as a treatment for renal ischemia-reperfusion injury in rabbits. PLoS ONE 15(12): e0244160. doi: [10.1371/journal.pone.0244160](https://doi.org/10.1371/journal.pone.0244160)

DOI

dx.doi.org/10.17504/protocols.io.bpyrmpv6

EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0244160>

PROTOCOL CITATION

ruangp 2020. Transplantation of Chicken Egg-White Extract-Induced Rabbit PBMCs as a Treatment for Renal Ischemia-Reperfusion Injury in Rabbits. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.bpyrmpv6>

MANUSCRIPT CITATION please remember to cite the following publication along with this protocol

Ruan G, Yao X, Lin Q, Li Z, Cai X, Pang R, Pan X (2020) Transplantation of chicken egg white extract-induced rabbit PBMCs as a treatment for renal ischemia-reperfusion injury in rabbits. PLoS ONE 15(12): e0244160. doi: [10.1371/journal.pone.0244160](https://doi.org/10.1371/journal.pone.0244160)

EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0244160>

LICENSE

————— This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

CREATED

Nov 23, 2020

LAST MODIFIED

Dec 29, 2020

- 1 Preparation of the rabbit renal ischemia-reperfusion injury model**
- 2 Rabbit PBMC isolation, culture, induction and labeling**
- 3 Identification of noninduced and induced PBMCs**
- 4 Kidney function test**
- 5 Changes in the urinary protein content**
- 6 Observation of labeled cells in frozen sections**
- 7 Histopathological assessment of the kidneys**
- 8 Metabolomics analysis of the kidney**
- 9 Statistical analysis**