

# Resource Summary Report

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## Cell Culture and estimation of cytokines by ELISA

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DOI:10.17504/protocols.io.p2hdqb6

Type: Protocol

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### Proper Citation

Mohd Khubaib 2018. Cell Culture and estimation of cytokines by ELISA. protocols.io  
[dx.doi.org/10.17504/protocols.io.p2hdqb6](https://dx.doi.org/10.17504/protocols.io.p2hdqb6)

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### Protocol Information

**URL:** <https://dx.doi.org/10.17504/protocols.io.p2hdqb6>

**Authors:** Mohd Khubaib

**Summary:** this protocol describes the maintainance and treatment of RAW 264.7 macrophage cell lines with Mycobacterial PE/PPE proteins. It also describes estimation of secreted cytokines through ELISA. Estimation of level of IgG subclass from the serum is also described here.

**Affiliations:** University of Hyderabad

**Version:** 1

**Publication Date:** 2018

**Proper Citation:** Mohd Khubaib 2018. Cell Culture and estimation of cytokines by ELISA. protocols.io [dx.doi.org/10.17504/protocols.io.p2hdqb6](https://dx.doi.org/10.17504/protocols.io.p2hdqb6)

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### Data and Source Information

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