

LPS Lung Injury 24 and 72 hours

Description of histology scoring parameters and individual data:

Study description: Lung inflammation induced by oral aspiration of LPS. Post euthanasia, lungs were inflated and fixed with formalin 10% for histological analysis.

Slides: lung sections, H&E staining

Scoring Parameters: Score of leukocyte infiltration is semiquantitative.

WNR: within normal ranges;
 0: no infiltrate
 1: minimal infiltrate
 2: mild infiltrate
 3: moderate infiltrate
 4: marked infiltrate

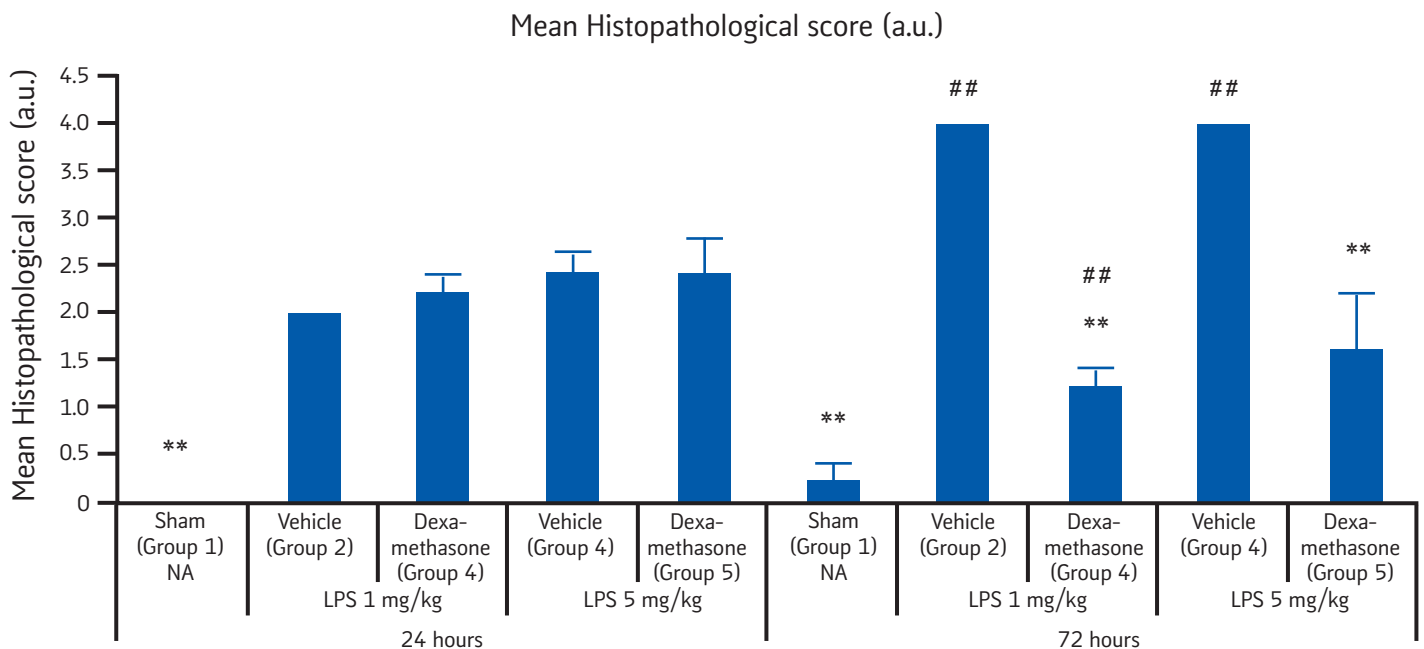
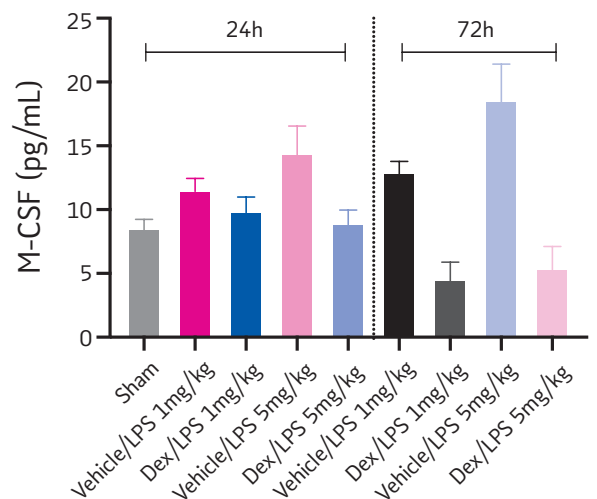
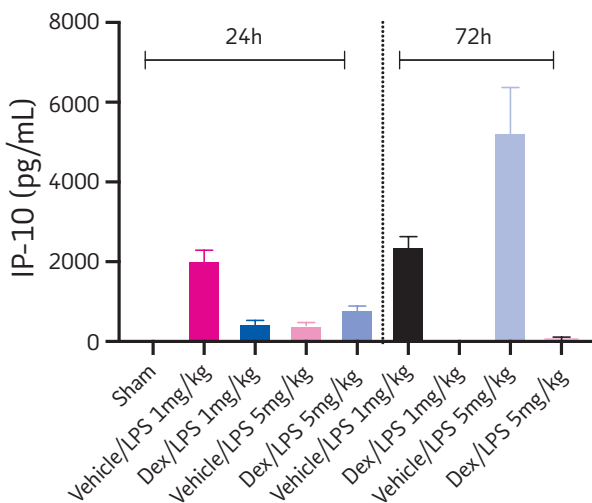
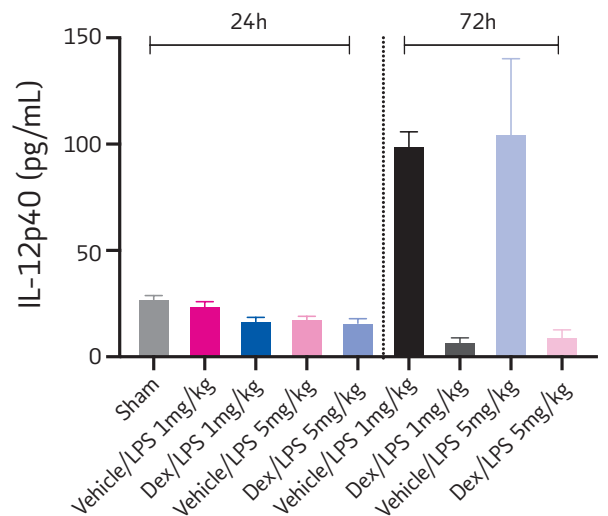
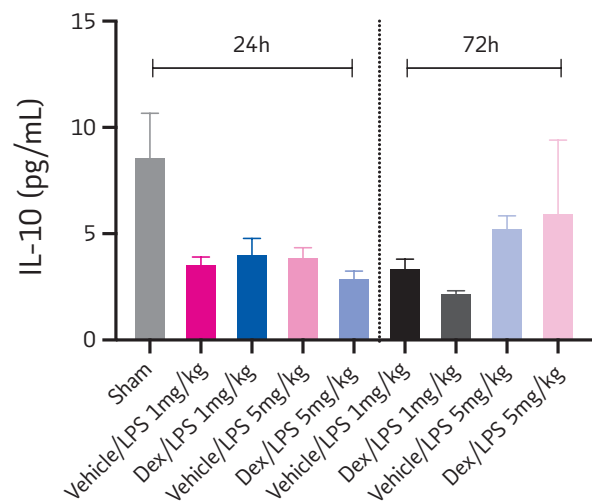
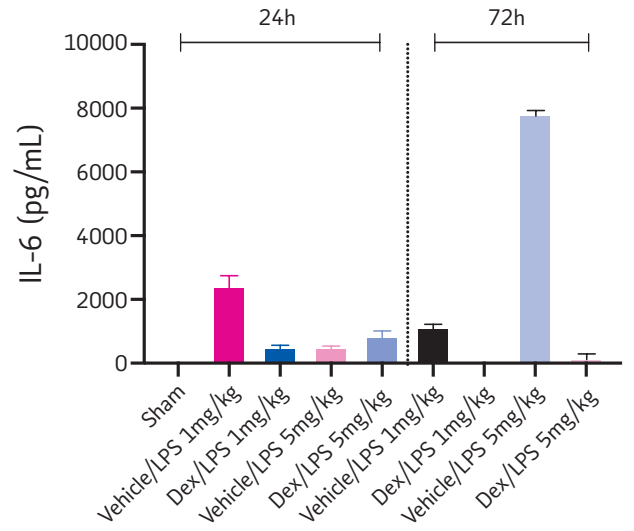
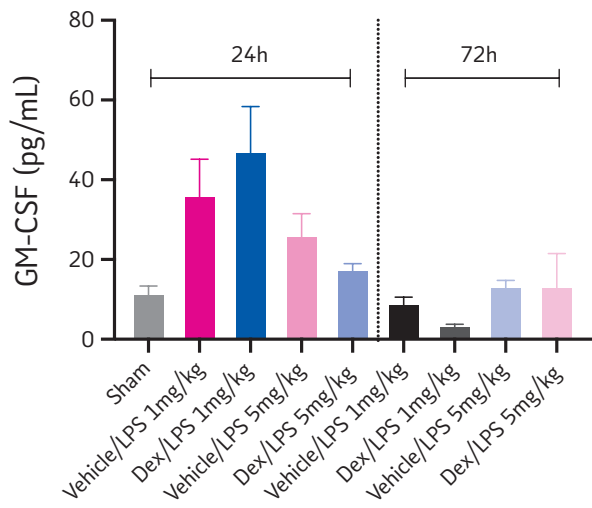


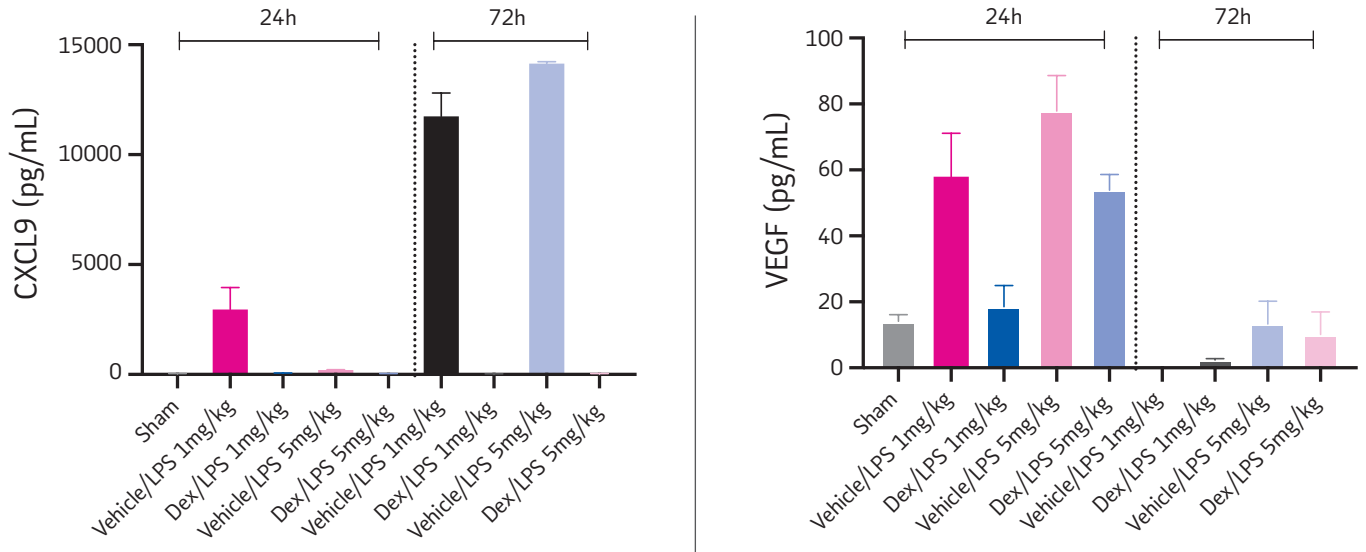
Figure 1: Mean Histopathological Score in arbitrary units (a.u)

** p<0.01 using Student's T-test vs. Vehicle of corresponding time point and LPS dose

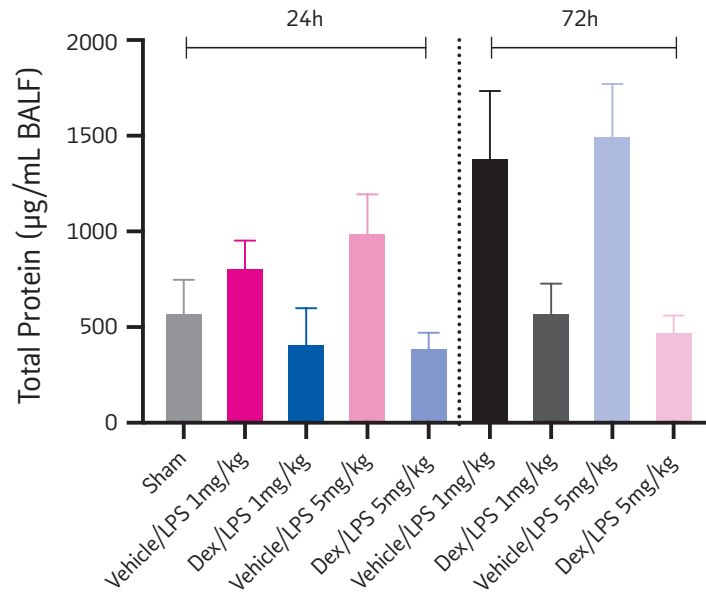
p<0.01 using Student's T-test vs. corresponding group on 24h

Biomarker Level in BALF





Total Protein Level in BALF



Our Clients Say ...

"The performance of your team far exceeded our expectations. The study was performed well and we appreciate all your input into the study design. Your responsiveness and feedback during the study and following in the data interpretation was extremely helpful to guide our next steps. That's something we don't find with every CRO."

S.G., Toxicologist, Biotech Company

"Of all the CROs that I have used over the years... MLM Medical Labs been one of the very best in terms of scientific knowledge, data quality, timelines, flexibility and personal contacts."

O.B., Director of Therapeutics, Pharmaceutical Company

"Throughout our relationship, you have been attentive to our needs and have completed exploratory pilot studies and three drug studies with professionalism and an understanding of tight biotech timelines that are unmatched by other CROs."

D.Z., Director of Therapeutics, Biotech Company

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If you'd like to discuss a particular study or speak with a scientist, please reach out to us!

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