



NASH · Fibrosis Research

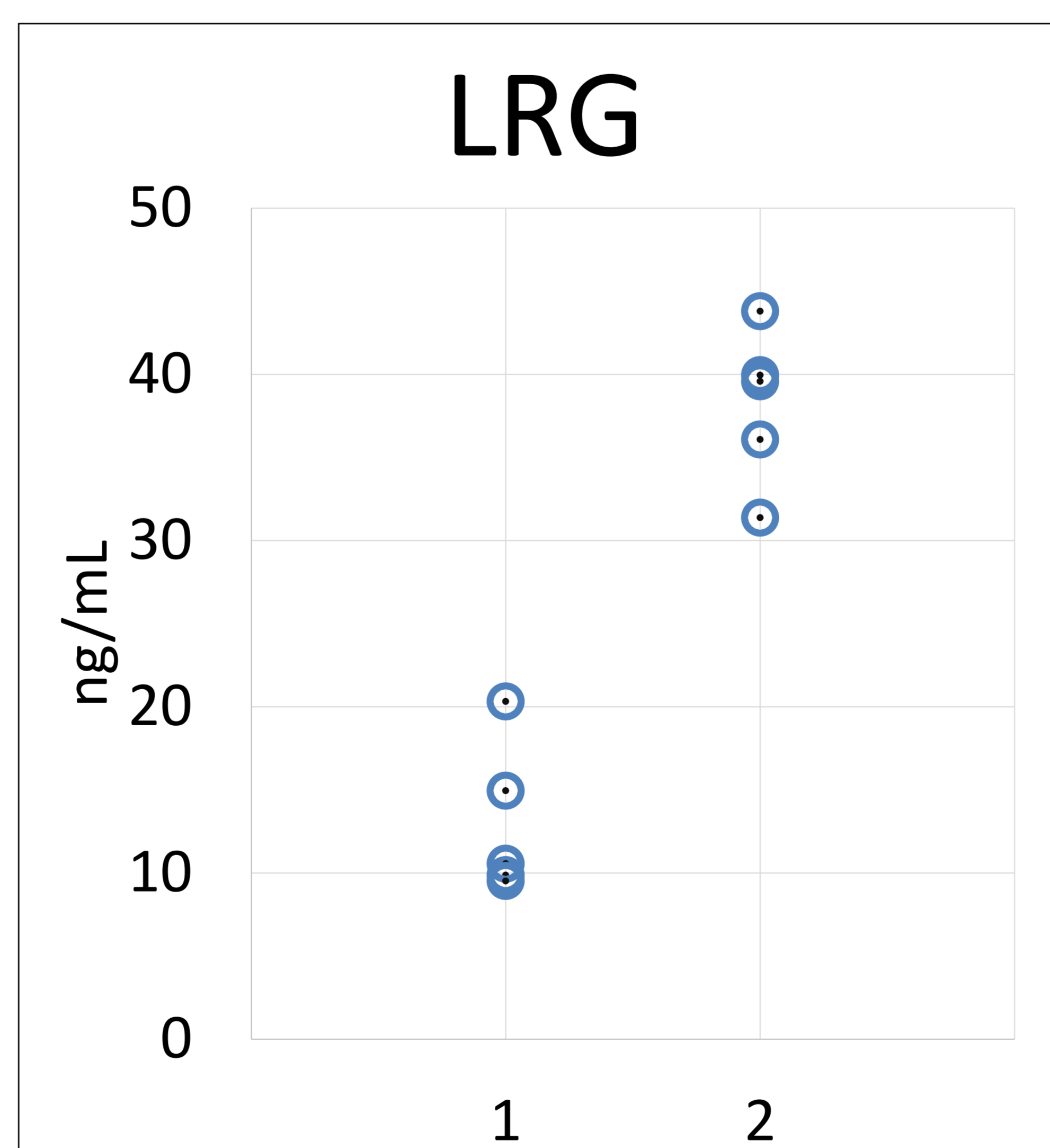
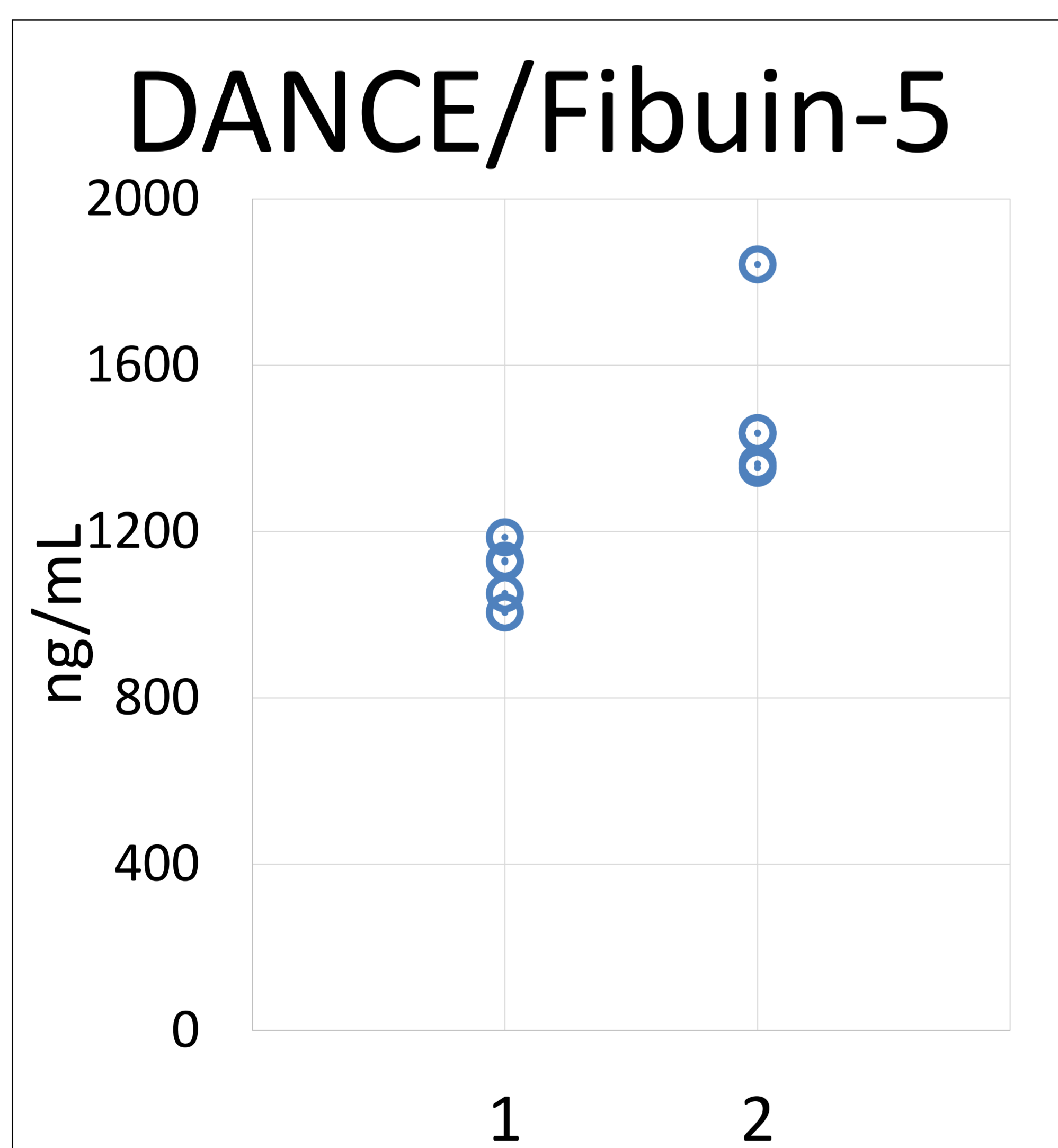
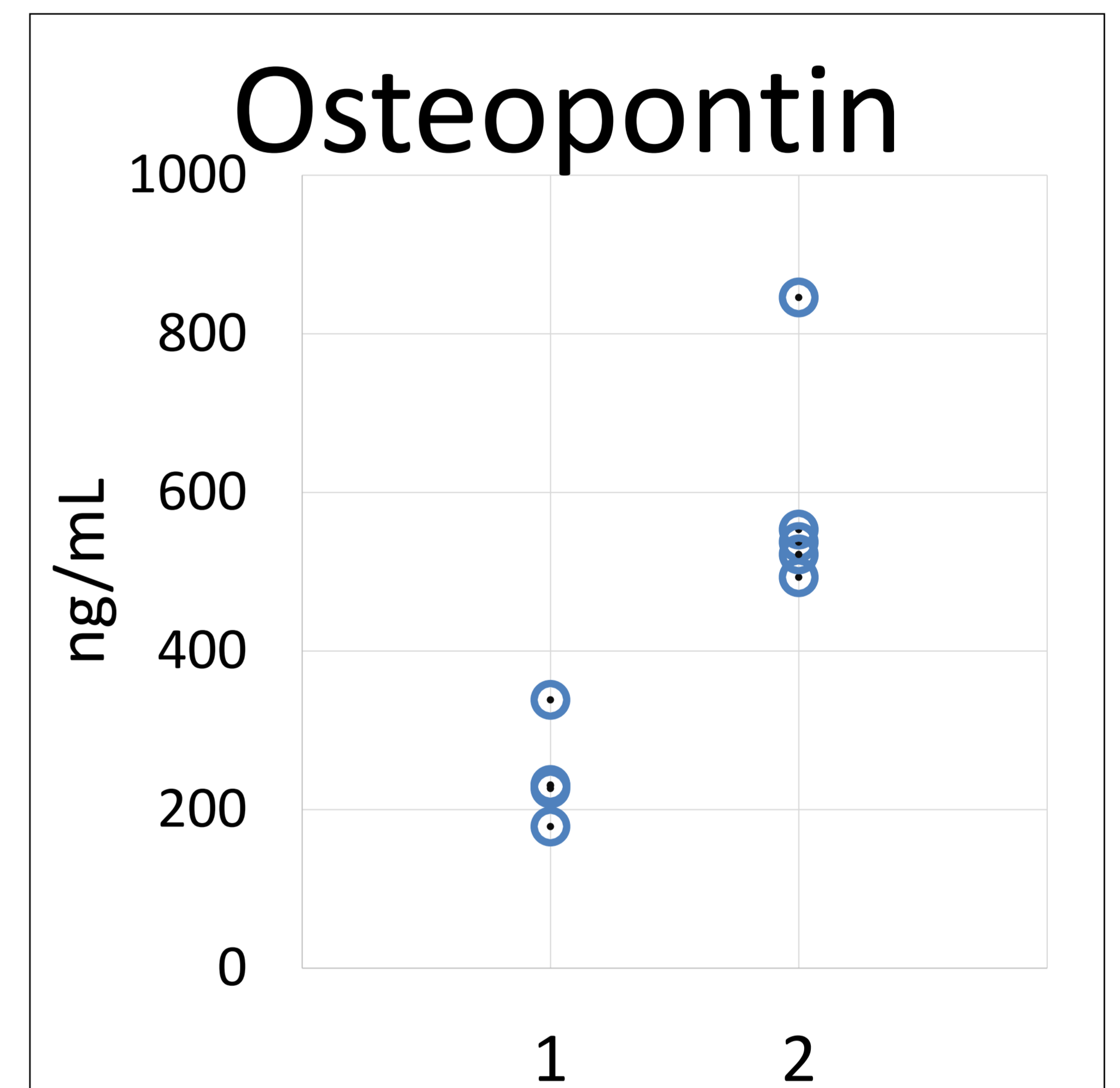
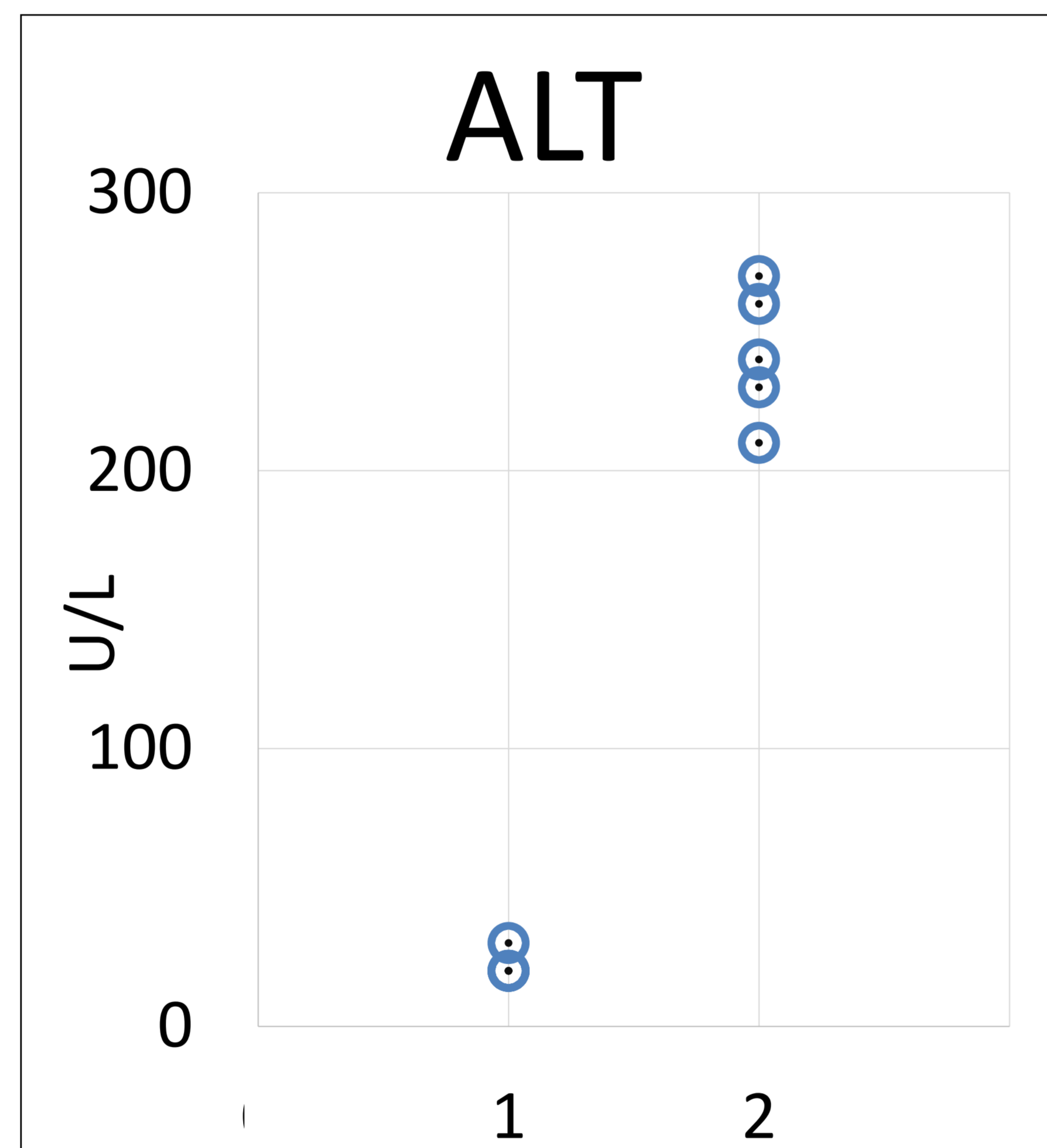
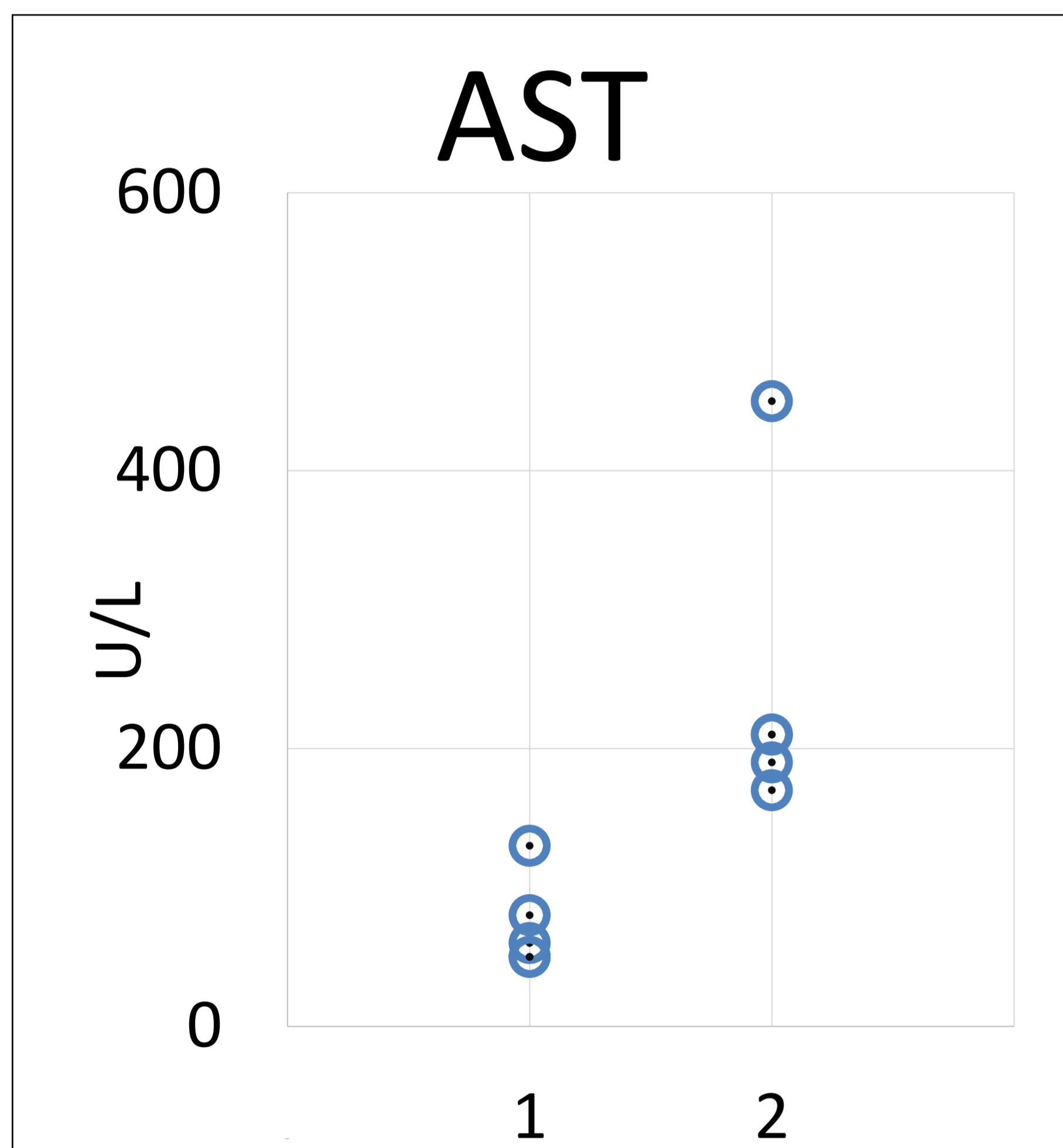
NASH animal model (C57BL/6J mice) - method

C57BL/6J mice were divided in two groups (N=5 in each group) and fed with diet described below in 6 weeks.

1. Fed with control diet (Research Diet, Inc. A06071314)
 2. Fed with choline-deficient, L-amino acid-defined, high-fat diet (CDAHFD) (// A06071302)
- After 6 weeks blood sampling were conducted.

NASH animal model – blood analysis and results

Analysis was conducted with EDTA plasma (N=5 in each group): AST, ALT, and Osteopontin (x200*), Fibulin-5/DANCE (x200*), leucine-rich alpha-2-glycoprotein (LRG)(x10*) were measured with our ELISAs. (* dilution ratio)



Osteopontin, Fibulin-5/DANCE (Fibrosis markers) and LRG (Inflammatory marker) were elevated as same trend as AST and ALT (liver function enzymes).

The following IBL ELISA kits were used in the study.

[#27351 Mouse Osteopontin Assay Kit - IBL](#)

[27785 Mouse LRG Assay Kit - IBL](#)

[#27121 Human Fibulin-5/DANCE Assay Kit - IBL](#)