

Brief Report

Avidity of Autoreactive Alpha-Synuclein Antibodies in LRRK2 Mutation Carriers is Not Altered Compared to Healthy Controls or PD Patients

Alexandra Albus^{1,2†}, Yannick Kronimus^{1,2†}, Monika Burg-Roderfeld³, Hendrik van der Wurp^{1,4}, Dieter Willbold^{5,6}, Tamar Ziehm⁵, Richard Dodel^{1,2,*}, J. Alexander Ross¹

¹ Therapy Research in Neurogeriatrics, Center for Translational Neuro- and Behavioral Sciences, University of Duisburg-Essen, Essen, Germany

² Department for Neurology, Philipps-University, Marburg, Germany

³ Department of Chemistry and Biology, Fresenius University of Applied Sciences, Idstein, Germany

⁴ Faculty of Statistics, TU Dortmund University, Dortmund, Germany

⁵ Institute of Physical Biology, Heinrich Heine University Düsseldorf, Düsseldorf, Germany

⁶ Institute of Biological Information Processing (IBI-7: Structural Biochemistry), Forschungszentrum Jülich, Jülich, Germany

* Correspondence: richard.dodel@uk-essen.de; Tel.: +49 (201) 89760

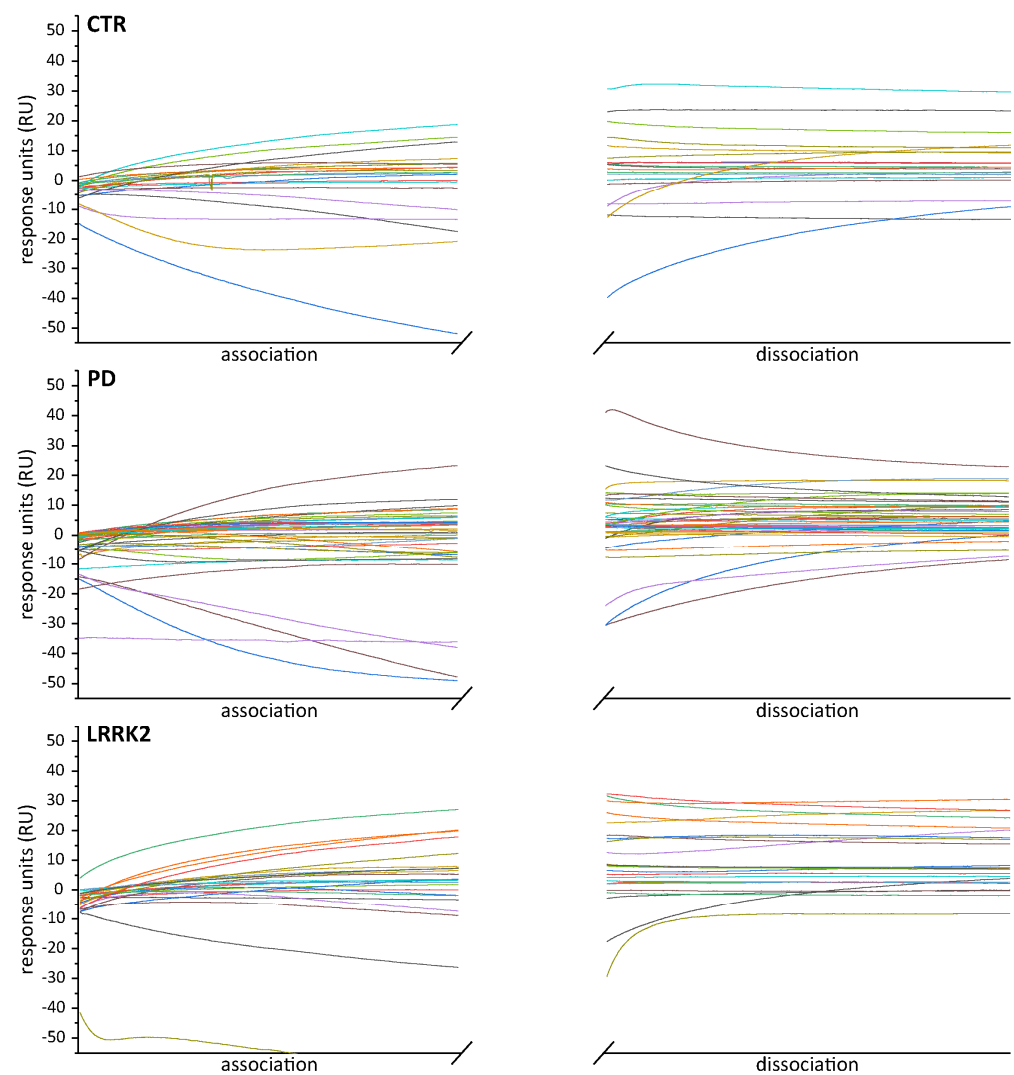


Figure S1. nAbs- α -Syn binding characteristics. Interaction curves of all measured samples are separated for each patient group and for the association and dissociation. Negative trending interactions were rejected for determining the K_D .