Hyaluronic Acid-Antibody Fragment Bioconjugates for Extended Ocular Pharmacokinetics

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SUPPORTING INFORMATION

Table S1. Aqueous and serum PK parameters of free rabFab and HA-rabFab conjugates administered via ITV in rabbits.

	Aqueous			Serum
Test Article	**C_{MAX}/Dose (µg/mL)**	**AUC_{INF}/Dose (day*µg/mL)**	**Half-Life (days)**	**C_{MAX}/Dose (µg/mL)**
rabFab	79 ± 6	494	3.0	0.15 ± 0.07
HA40K-rabFab	32 ± 2	462	6.7	0.17 ± 0.02
HA200K-rabFab	60 ± 18	483	7.8	0.18 ± 0.11
HA600K-rabFab	53 ± 21	517	10.4	0.18 ± 0.003

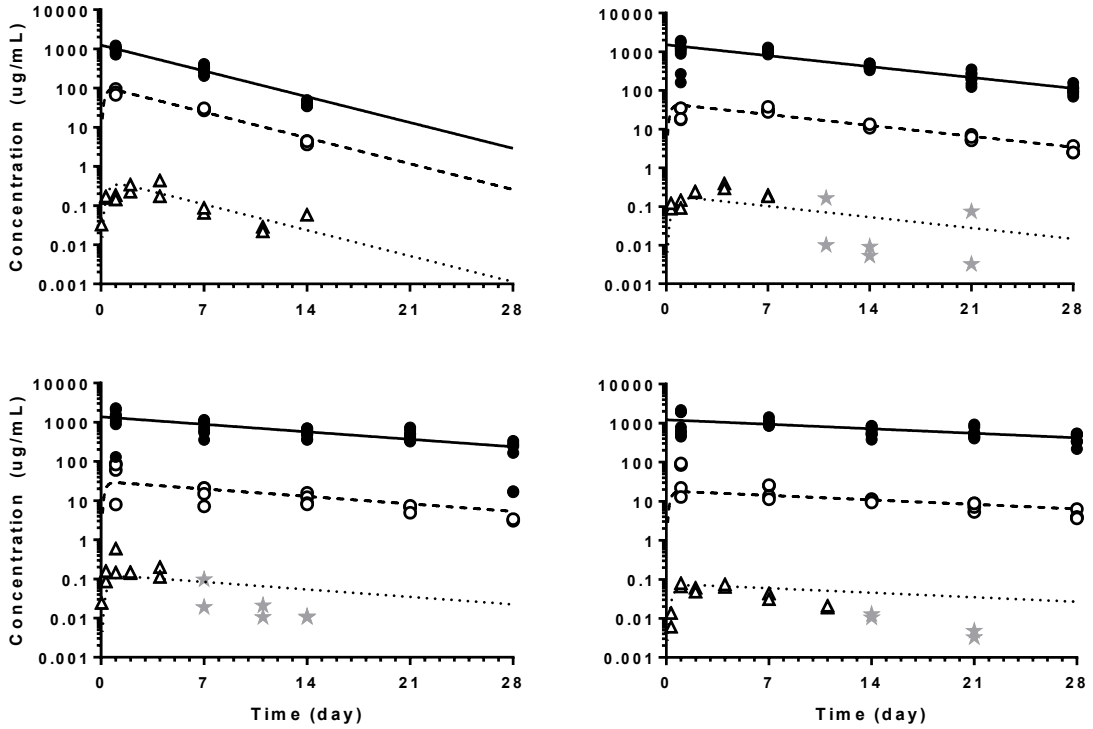

Figure S1. Observed (symbols) and predicted (lines) vitreous, aqueous, and serum concentrations of rabFab and HA-rabFab conjugates administered by ITV injection in NZW rabbits. A: RabFab; B: HA40K-rabFab; C: HA200K-rabFab; D: HA600K-rabFab.

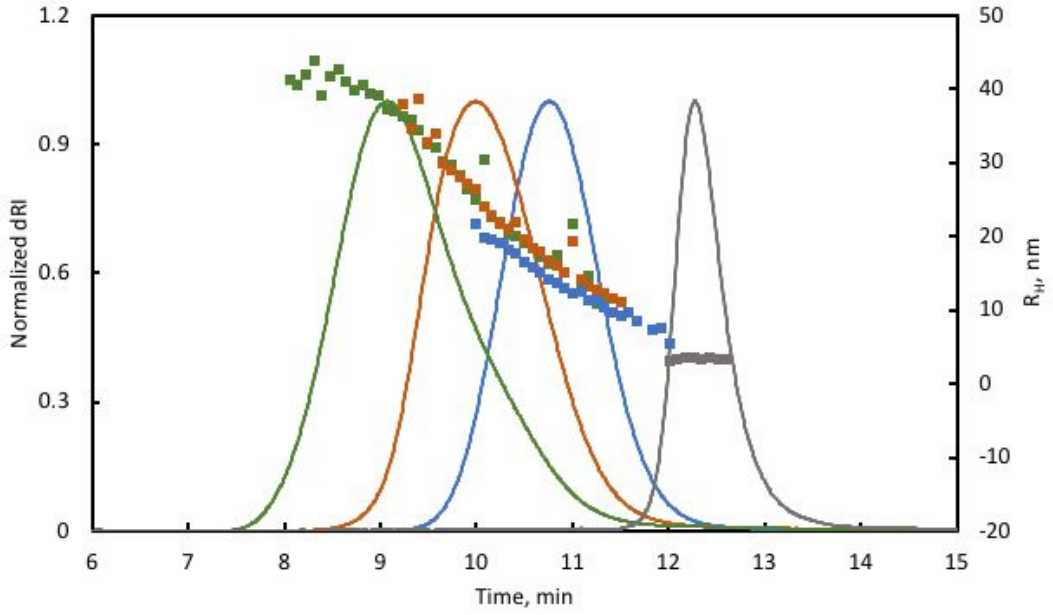

Figure S2. SEC chromatograms (lines) of HA40K-rabFab (blue), HA200K-rabFab (red) and HA600K-rabFab (green) conjugates as used in rabbit PK assessments with RH data from QELS (squares) overlaid. A BSA chromatogram (grey) is included for elution volume reference.