eTable 1: Multivariate-Adjusted Differences in IgG and IgG Subclass Concentrations Standardized to the Upper Limit of Normal According to Sex and Race (β, 95% CI)

IgG Subclass (mg/dL)	Sex		Race		
	Female	Male	Asian	Black	White
IgG	+0.003 (-0.01, +0.02)	0.0 (Reference)	+0.3 (+0.2, +0.3)*	+0.4 (+0.3, +0.4)*	0.0 (Reference)
IgG1	+0.004 (-0.01, +0.02)	0.0 (Reference)	+0.2 (+0.2, +0.3)*	+0.4 (+0.3, +0.4)*	0.0 (Reference)
IgG2	-0.004 (-0.01, +0.01)	0.0 (Reference)	+0.3 (+0.3, +0.3)*	+0.1 (+0.1, +0.1)*	0.0 (Reference)
IgG3	+0.004 (-0.02, +0.03)	0.0 (Reference)	+0.2 (+0.1, +0.2)*	+0.2 (+0.2, +0.3)*	0.0 (Reference)
IgG4	-0.2 (-0.2, -0.1)*	0.0 (Reference)	+0.9 (+0.8, +1.1)*	+0.2 (+0.1, +0.2)*	0.0 (Reference)

* $p < 0.05$

eTable 2: Multivariate-Adjusted Differences (mg/dL) in IgG and IgG Subclass Concentrations According to Sex and Race Using Each Subject's Highest Concentration (β, 95% CI)

IgG Subclass (mg/dL)	Sex		Race		
	Female	Male	Asian	Black	White
IgG	-47.4 (-70.8, -24.1)*	0.0 (Reference)	+415.4 (+340.1, +490.7)*	+587.3 (+534.4, +640.3)*	0.0 (Reference)
IgG1	+1.2 (-11.2, +13.5)	0.0 (Reference)	+197.2 (+157.8, +236.6)*	+344.9 (+316.6, +373.1)*	0.0 (Reference)
IgG2	-4.0 (-10.7, +2.8)	0.0 (Reference)	+199.3 (+117.9, +220.8)*	+77.6 (+62.1, +93.0)*	0.0 (Reference)
IgG3	-0.0 (-2.9, +2.8)	0.0 (Reference)	+23.2 (+14.2, +32.3)*	+36.2 (+29.7, +42.7)*	0.0 (Reference)
IgG4	-20.9 (-25.2, -16.6)*	0.0 (Reference)	+100.8 (+87.0, +114.6)*	+13.4 (+3.6, +23.2)*	0.0 (Reference)

* $p < 0.05$

eTable 3: Multivariate-Adjusted Differences (mg/dL) in IgG and IgG Subclass Concentrations According to Sex and Race Using All Available IgG and IgG Subclass Concentrations for Each Subject (β, 95% CI)

IgG Subclass (mg/dL)	Sex		Race		
	Female	Male	Asian	Black	White
IgG	+17.3 (-48.0, +82.7)	0.0 (Reference)	+565.0 (+354.6, +775.5)*	+624.0 (+437.0, +811.0)*	0.0 (Reference)
IgG1	-7.0 (-25.7, +11.7)	0.0 (Reference)	+216.8 (+150.5, +283.1)*	+361.6 (+292.1, +431.2)*	0.0 (Reference)
IgG2	-19.2 (-32.6, -5.8)*	0.0 (Reference)	+243.1 (+152.6, +333.5)*	+93.3 (+47.5, +139.1)*	0.0 (Reference)
IgG3	-2.3 (-6.0, +1.4)	0.0 (Reference)	+28.6 (+10.8, +46.4)*	+49.5 (+26.1, +73.0)*	0.0 (Reference)
IgG4	-51.5 (-74.3, -28.8)*	0.0 (Reference)	+148.0 (+44.3, +251.8)*	+25.7 (-14.0, +65.4)	0.0 (Reference)

* $p < 0.05$

eTable 4: Multivariate-Adjusted IgG Concentration Differences (mg/dL) Excluding Patients Diagnosed with Immune Deficiency According to Sex and Race (β, 95% CI)

IgG Subclass (mg/dL)	Race		
	Asian	Black	White
IgG	+367.8 (+303.2, +432.4)*	+513.9 (+469.7, +558.0)*	0.0 (Reference)
IgG1	+200.5 (+159.2, +241.7)*	+347.2 (+318.1, +376.3)*	0.0 (Reference)
IgG2	+191.4 (+169.3, +213.5)*	+75.6 (+60.0, +91.2)*	0.0 (Reference)
IgG3	+20.9 (+11.2, +30.7)*	+35.8 (+28.9, +42.7)*	0.0 (Reference)
IgG4	+104.1 (+90.4, +117.9)*	+10.8 (+1.2, +20.4)*	0.0 (Reference)

* $p < 0.05$

eTable 5: Multivariate-Adjusted Differences in IgA, IgE, and IgM Concentrations According to Sex and Race (β, 95% CI)

Ig Class	Sex		Race		
	Female	Male	Asian	Black	White
IgA (mg/dL)	-18.3 (-25.3, -11.3)*	0.0 (Reference)	+62.1 (+40.3, +83.9)*	+103.4 (+86.9, +119.8)*	0.0 (Reference)
IgE (mg/dL)	-122.0 (-178.4, -65.6)*	0.0 (Reference)	+172.8 (-11.0, +356.6)	+488.9 (+338.6, +639.3)*	0.0 (Reference)
IgM (IU/mL)	+19.3 (+11.6, +27.0)*	0.0 (Reference)	-0.0 (-24.2, +24.1)	-2.5 (-20.8, +15.8)	0.0 (Reference)

* p < 0.05

†Adjusted for age but data not presented

eTable 6: Age-, Sex-, Race-, and Socioeconomic Status-Adjusted Differences in IgG and IgG Subclass Concentrations (β, 95% CI)

IgG Subclass (mg/dL)	Sex		Race		
	Female	Male	Asian	Black	White
IgG	+11.0 (-7.3, +29.3)	0.0 (Reference)	+360.8 (+300.1, +421.5)*	+520.6 (+477.5, +563.6)*	0.0 (Reference)
IgG1	+5.6 (-6.6, +17.7)	0.0 (Reference)	+193.7 (+154.5, +232.9)*	+344.0 (+315.5, +372.6)*	0.0 (Reference)
IgG2	-1.8 (-8.3, +4.8)	0.0 (Reference)	+189.3 (+168.3, +210.3)*	+82.7 (+67.4, +98.0)*	0.0 (Reference)
IgG3	+0.5 (-2.3, +3.3)	0.0 (Reference)	+21.3 (+12.4, +30.3)*	+35.2 (+28.6, +41.7)*	0.0 (Reference)
IgG4	-18.3 (-22.2, -14.4)*	0.0 (Reference)	+99.3 (+86.7, +111.8)*	+12.2 (+3.2, +21.2)*	0.0 (Reference)

* p < 0.05

†Adjusted for age and median income but data not presented