



**Supplementary Fig. 1** *Anti-KLH antibody isotype-specific standard curves.*

A pool of purified KLH-specific human antibodies is serially diluted to establish isotype-specific 7-point standard curves. Dilutions were as followed, for IgG total, IgG1 and IgG4: 300x, 600x, 1200x, 1800x, 2400x, 4200x and 6000x; for IgG2, IgG3 and IgA: 50x, 100x, 150x, 250x, 500x, 750x and 1000x; for IgM: 60x, 120x, 240x, 360x, 480x, 600x and 1200x. The horizontal axis indicates the absolute concentration in µg/L not adjusted for the dilution step preceding the measurement.

**Supplementary Table 1** KLH-specific Abs after column-purification of pooled serum of patients exposed to KLH

<b>Abs in eluate</b>	<b>Concentration</b>
IgG <sub>total</sub>	1.370 mg/L
IgG <sub>1</sub>	990 mg/L
IgG <sub>2</sub>	470 mg/L
IgG <sub>3</sub>	21 mg/L
IgG <sub>4</sub>	12 mg/L
IgA	70 mg/L
IgM	130 mg/L

Abbreviations: Abs, antibodies