



**Quality Control Ranges**  
**Human Complement Magnetic Bead Panel 2**  
**Catalog No. HCMP2MAG-19K**  
**Control Catalog No. HCMP2-6019-2 Lot HCM2-110 and HCM2-210**

| Analyte             | Standard Value |
|---------------------|----------------|
| Complement C3b/iC3b | 1701 ng/mL     |

| <u>Analyte</u>      | <u>QC Level</u> | <u>Expected Range</u> | <u>Units</u> |
|---------------------|-----------------|-----------------------|--------------|
| Complement C1q      | Control 1       | 0.64 – 1.3            | ng/mL        |
|                     | Control 2       | 2.4 – 5.0             | ng/mL        |
| Complement C3       | Control 1       | 2.2 – 4.6             | ng/mL        |
|                     | Control 2       | 8.6 – 18              | ng/mL        |
| Complement C3b/iC3b | Control 1       | 15 – 32               | ng/mL        |
|                     | Control 2       | 63 – 132              | ng/mL        |
| Complement C4       | Control 1       | 3.9 – 8.1             | ng/mL        |
|                     | Control 2       | 17 – 36               | ng/mL        |
| Complement Factor B | Control 1       | 0.59 – 1.2            | ng/mL        |
|                     | Control 2       | 2.5 – 5.1             | ng/mL        |
| Complement Factor H | Control 1       | 3.2 – 6.6             | ng/mL        |
|                     | Control 2       | 13 – 27               | ng/mL        |

**Note: The Quality Control Ranges are generated with overnight assay format.**  
**HCMP2-6019-2: HCM2-110.210 (13 November 2025) • [SigmaAldrich.com/support](https://sigmaaldrich.com/support) •**  
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