

# MAb Fragment

Proteomix<sup>®</sup> RP-1000

Proteomix<sup>®</sup> RP-500



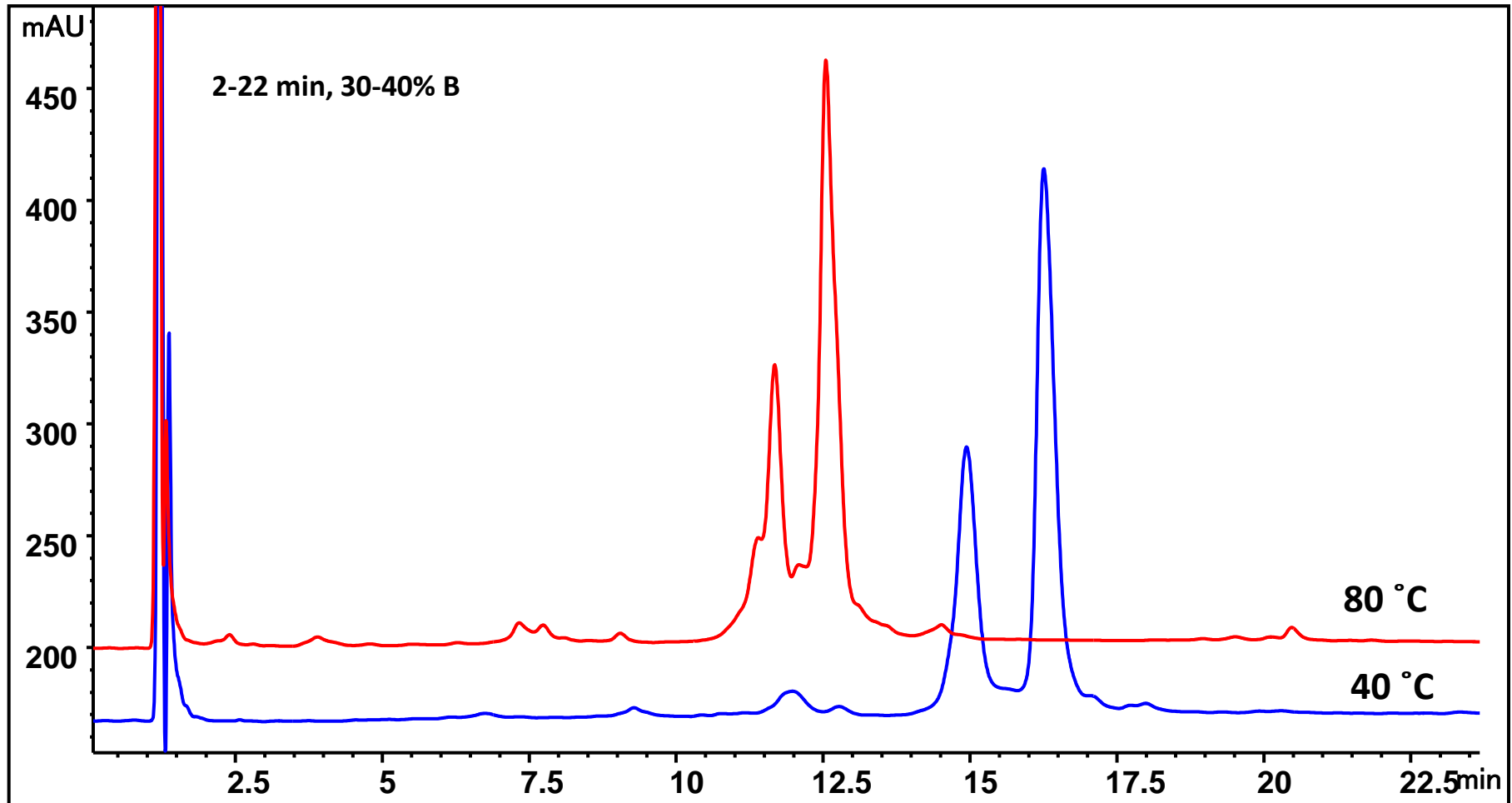
**Fab/Fc separation on : Proteomix<sup>®</sup> RP-1000 with 40 °C and 80 °C**

Column: Proteomix<sup>®</sup> RP-1000 (5  $\mu$ m, 1000 Å, 4.6 x 100 mm);

Mobile phase: A: 0.1% TFA in water; B: 0.1% TFA in 100% ACN;

Flow rate: 1.0 mL/min; Detector: UV 210 nm; Column temperature: 40, 80 °C;

Sample: mAb (digested by papain), 1 mg/mL diluted in 0.1% TFA; Injection volume: 20  $\mu$ L



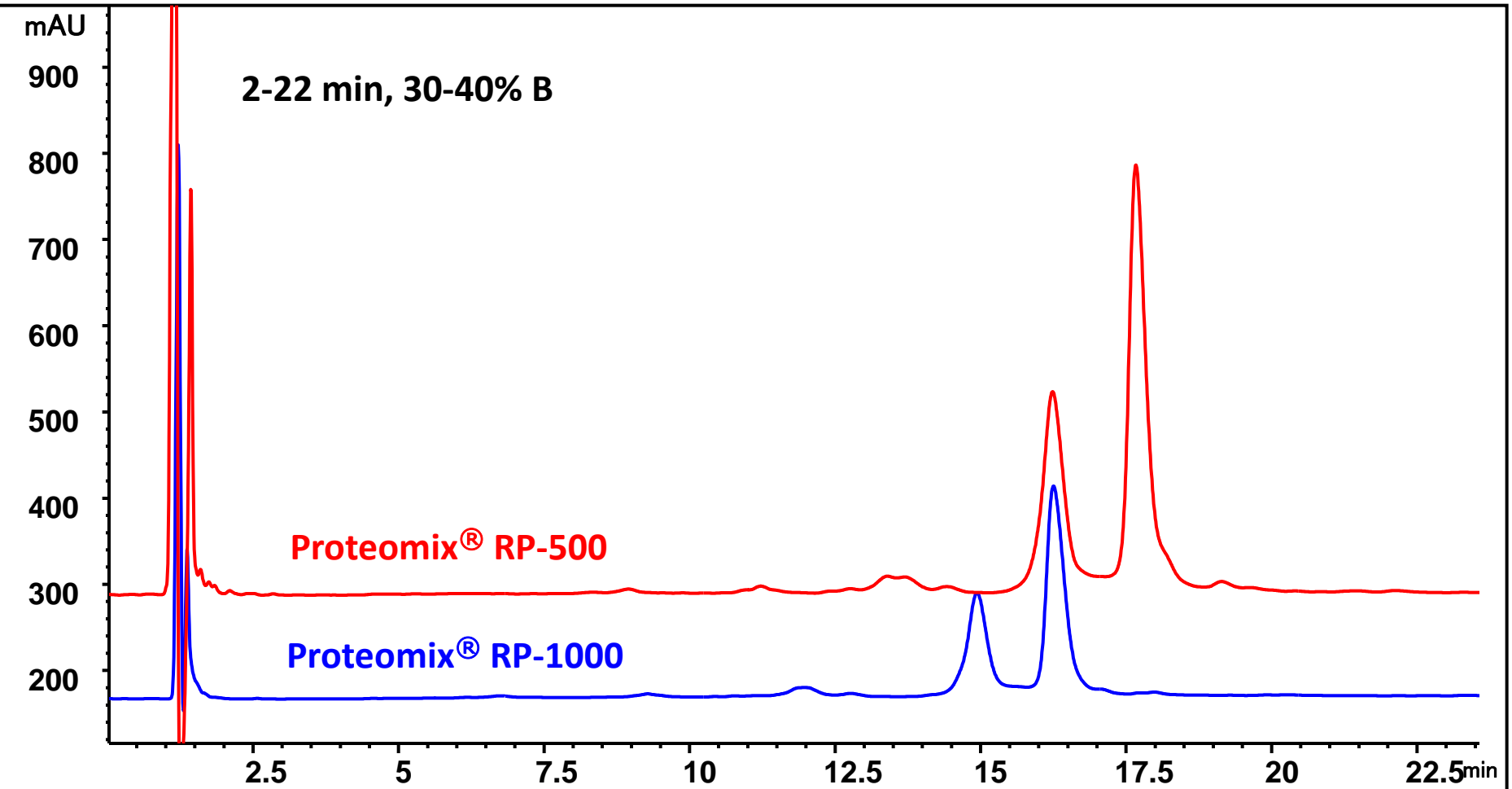
## Fab/Fc separation on Proteomix<sup>®</sup> RP-1000 and RP-500 with 40 °C

Column: Proteomix<sup>®</sup> RP-1000 (5 μm, 1000 Å, 4.6 x 100 mm); Proteomix<sup>®</sup> RP-500 (5 μm, 500 Å, 4.6 x 100 mm);

Mobile phase: A: 0.1% TFA in water; B: 0.1% TFA in 100% ACN;

Flow rate: 1.0 mL/min; Detector: UV 210 nm; Column temperature: 40 °C;

Sample: mAb (digested with Papain), 1 mg/mL diluted in 0.1% TFA; Injection volume: 20 μL



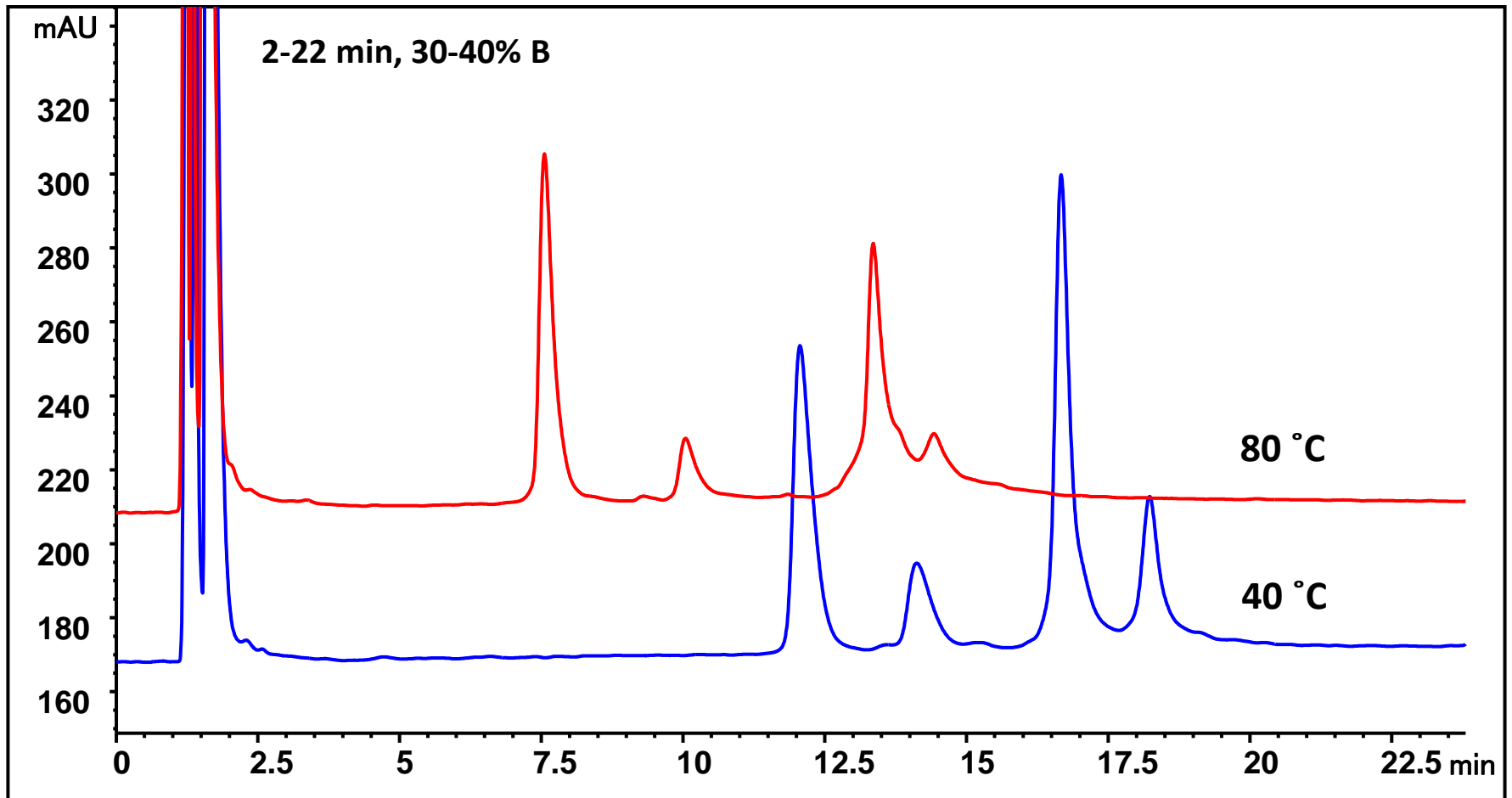
## Reduced mAb separation with 40 °C and 80 °C

Column: : **Proteomix<sup>®</sup> RP-1000** (5  $\mu\text{m}$ , 1000  $\text{\AA}$ , 4.6 x 100 mm);

Mobile phase: A: 0.1% TFA in water; B: 0.1% TFA in 100% ACN;

Flow rate: 1.0 mL/min; Detector: UV 210 nm; Column temperature: 40, 80 °C;

Sample: mAb reduced with 20 mM DTT at 65 °C for 20 minutes, 1 mg/mL diluted in 0.1% TFA; Injection volume: 20  $\mu\text{L}$



## Reduced mAb separation on Proteomix<sup>®</sup> RP-1000 and RP-500 with 40 °C

Column: Proteomix<sup>®</sup> RP-1000 (5 μm, 1000 Å, 4.6 x 100 mm); Proteomix<sup>®</sup> RP-500 (5 μm, 500 Å, 4.6 x 100 mm);

Mobile phase: A: 0.1% TFA in water; B: 0.1% TFA in 100% ACN;

Flow rate: 1.0 mL/min; Detector: UV 210 nm; Column temperature: 40 °C;

Sample: mAb reduced with 20 mM DTT at 65 °C for 20 minutes, 1 mg/mL diluted in 0.1% TFA; Injection volume: 20 μL

