

Specification of anti-human calprotectin in PBS, 0.09 % NaN₃, sterile filtered.

Composition and stability information:
<p>Description: Anti-human calprotectin is a goat polyclonal antibody to native human calprotectin.</p> <p>Product code: G002</p> <p>Specificity: The antibody recognizes human calprotectin</p> <p>Host: Goat</p> <p>Immunogen: Native human calprotectin (G001; Getica AB)</p> <p>Purification: Human calprotectin-specific affinity purification</p> <p>Solution: PBS, 0.09 % NaN₃</p> <p>Stability: 12 months at 2-8 °C</p> <p>Shipping conditions: Cold packs</p> <p>Size: 1 mg</p>

Technical information:		
Parameters tested for each lot:		
Requirement:	Acceptance criteria:	Method:
Appearance	Clear and colorless solution	Visual inspection
Protein concentration	≥ 1.0 mg/ml	A ₂₈₀ , ε=1.36 ml×mg ⁻¹ ×cm ⁻¹
Purity	≥ 95 %	SDS PAGE
Affinity to recombinant calprotectin (NP10459, Bon Opus Biosciences)	As observed	Biacore X100
Monomeric fraction	As observed	SEC (HiLoad 26/600 Superdex 200 pg, Cytiva)
Parameters tested during development:		
Affinity to native human calprotectin ((G001; Getica AB), Biacore X100)	ka (1/Ms): 1.35E+5 kd (1/s): 2.21E-4 KD (M): 1.67E-9	

Safety information:
Not for human or animal use.