

## Product datasheet for SA019

### Human IgG1 (kappa chain) Human Protein

#### Product data:

|                      |  |
|----------------------|--|
| Product Type:        | Native Proteins  |
| Description:         | Human IgG1 (kappa chain) human protein, 1 mg   |
| Species:             | Human  |
| Protein Source:      | Myeloma  |
| Concentration:       | lot specific   |
| Purity:              | >95%   |
| Buffer:              | Presentation State: Purified<br>State: Liquid purified Protein<br>Buffer System: Tris buffered saline, pH 7.4, containing 0.09% Sodium Azide, 0.1% EACA and 0.01% Benzamidine  |
| Preparation:         | Liquid purified Protein  |
| Applications:        | <b>ELISA.</b><br><b>Functional Assays.</b>   |
| Protein Description: | Purified IgG1 kappa prepared from human myeloma serum by ion exchange chromatography, gel filtration and protein A chromatography.   |
| Storage:             | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.   |
| Stability:           | Shelf life: one year from despatch.  |
| Locus ID:            | 109864281  |
| Cytogenetics:        | 21p11.2  |
| Synonyms:            | Human Immunoglobulin G1  |
| Summary:             | 45S ribosomal DNA (rDNA) arrays, or clusters, are present on human chromosomes 13, 14, 15, 21 and 22, designated RNR1 through RNR5, respectively. Each cluster consists of multiple 45S rDNA repeat units that vary in number among individuals and chromosomes, with total diploid copy number estimates ranging from 60 to >800 repeat units in a human genome. The 45S rDNA repeat unit encodes a 45S rRNA precursor, transcribed by RNA polymerase I, which is processed to form the 18S, 5.8S and 28S rRNAs. This gene represents a copy of the 5.8S ribosomal RNA on chromosome 21. [provided by RefSeq, Mar 2017] |



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Protein Families:           **ELISA.**  
                                     **Functional Assays.**