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## Product Datasheet

### **CheKine(TM) Micro gamma-Glutamyl Cysteine Ligase (GCL) Activity Assay Kit ASC-KTB1680**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Article Name               | CheKine(TM) Micro gamma-Glutamyl Cysteine Ligase (GCL) Activity Assay Kit                                                                                                                                                                                                                                                                                                                                                                                          |
| Biozol Catalog Number      | ASC-KTB1680                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Supplier Catalog Number    | KTB1680                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Catalog Number | ASC-KTB1680-48, ASC-KTB1680-96                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer               | Abbkine Scientific                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category                   | Kits/Assays                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description        | Abbkine CheKine(TM) gamma-Glutamyl Cysteine Ligase (GCL) Activity Colorimetric Assay Kit is designed for detecting GCL activity in the sample....                                                                                                                                                                                                                                                                                                                  |
| Tag                        | GCL                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes          | The kit provides a simple method for detecting GCL activity in a variety of biological samples such as tissues, cell, serum, bacterial. In the assay, In the presence of ATP and Mg <sup>2+</sup> , GCL catalyzes the synthesis of gamma-glutamylcysteine from glutamic acid and cysteine, at the same time, ATP dephosphorylation produces inorganic phosphorus molecules. GCL activity can be calculated by measuring the increase rate of inorganic phosphorus. |