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## Product Datasheet

### **CheKine(TM) Micro Triglyceride (TG) Assay Kit ASC-KTB2200**

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| Article Name               | CheKine(TM) Micro Triglyceride (TG) Assay Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Biozol Catalog Number      | ASC-KTB2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | KTB2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alternative Catalog Number | ASC-KTB2200-48, ASC-KTB2200-96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer               | Abbkine Scientific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Category                   | Kits/Assays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Description        | Abbkine CheKine(TM) Triglyceride (TG) Colorimetric Assay Kit is designed for detecting Triglyceride (TG) in the sample....                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag                        | TG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes          | The kit provides a simple method for detecting TG concentration in a variety of biological samples such as serum, plasma, tissues, cells, and plants. In the assay, TG can be extracted by isopropanol and then saponified by KOH to produce glycerol and fatty acid. Further, periodic acid oxidizes glycerin to form formaldehyde. In the presence of chloride ions, formaldehyde can react with acetylacetone to form a yellow substance which has a characteristic absorption peak at 420 nm. The triglyceride (TG) present in the sample is proportional to the signal obtained. |