

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

### **CheKine(TM) Micro Ribulose Bisphosphate Carboxylase/Oxygenase (Rubisco) Assay Kit ASC-KTB1480**

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | CheKine(TM) Micro Ribulose Bisphosphate Carboxylase/Oxygenase (Rubisco) Assay Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Artikelnummer            | ASC-KTB1480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | KTB1480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | ASC-KTB1480-48, ASC-KTB1480-96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Hersteller               | Abbkine Scientific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Kits/Assays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Produktbeschreibung      | CheKine(TM) Micro Ribulose Bisphosphate Carboxylase/Oxygenase (Rubisco) Assay Kit is designed for detecting Rubisco activity in the sample....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag                      | Rubisco                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Anwendungsbeschreibung   | CheKine(TM) Micro Ribulose bisphosphate carboxylase/oxygenase (Rubisco) Assay Kit provides a simple method for detecting Rubisco activity in plant tissues. One molecule of ribulose-1,5-diphosphate (RuBP) combines with one molecule of CO <sub>2</sub> to produce two molecules of 3-phosphoglyceric acid (PGA). Glyceraldehyde-3-phosphate can be produced by PGA through the action of additional 3-phosphoglycerate kinase and glyceraldehyde-3-phosphate dehydrogenase, which is accompanied by NADH oxidation to produce NAD <sup>+</sup> . NADH has a characteristic absorption peak at 340 nm, while NAD <sup>+</sup> does not. Rubisco activity is calculated by measuring the rate of decrease in light absorption at 340 nm. |