

DiagNano™ Carboxyl Silica Particles, 15 µm

Cat.No: DNG-F060

DESCRIPTION

Description	15 µm silica particles with carboxylic acid groups (COOH) on the surface are supplied in water.
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APPLICATION

Application Notes	Ideal for conjugation with amino groups containing proteins and antibodies.
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PRODUCT INFORMATION

Diameter	15 µm
Functional Group	Carboxyl
Concentration	50 mg/mL
Number of Particles	1.6E+7 particles/mL
Binding Capacity	330 ng albumin (BSA)/mg particle (167 ng BSA/cm ²)
Surface Group Density	4 µmol/g
Density	1.8 g/ccm

STORAGE AND SHIPPING

Storage Buffer	Suspension in water
Stability	Stable in aqueous buffers, organic solvents. Not stable in hydrofluoric acid, strong basic media, e.g. 6 M NaOH.



Storage

Storage at room temperature. Do not freeze!
