(For Internal Information Only)

CHEXEL™ Check-up Excellence

COVID-19 IgM/IgG Test Kit

Super Lateral Flow Assay

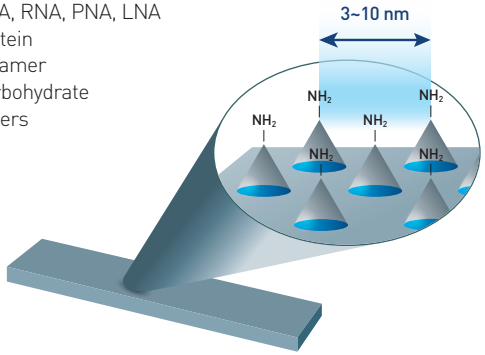
- **High Sensitivity**
- **High Specificity**
- High Reproducibility
- Competitive Price

Key Technology: NanoCone-Coated Surface

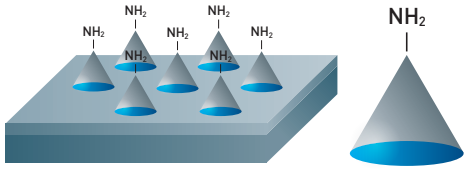
Proper lateral spacing for the biomolecules of YOUR interest

The spacing can be adjusted based on your needs.

- DNA, RNA, PNA, LNA
- Protein
- Aptamer
- Carbohydrate
- Others



NanoCone® Technology



Enhanced Performance | Low Coefficient of Variation | Covalent Conjugation of Antibodies

Ideal for Diagnostic Test Strips

Dhruvajyoti Roy et al. J. Mater Chem B. 2015; 3:5135-5149

Clinical Performance

CHEXEL™ COVID-19 IgM/IgG kit		Reference (RT-PCR)		
		Positive	Negative	Total
Positive	IgG+ / IgM+	48	0	48
	IgG+ / IgM-	0	0	0
	IgG- / IgM+	14	0	14
Negative	IgG- / IgM-	2	80	82
Subtotal		64	80	144
Positive Percent Agreement (PPA)		96.8% (95% CI: 94.4%-99.3%)		
Negative Percent Agreement (NPA)		100.0% (95% CI: 95.2%-100%)		

NB POSTECH
Nanosurface Biosciences