

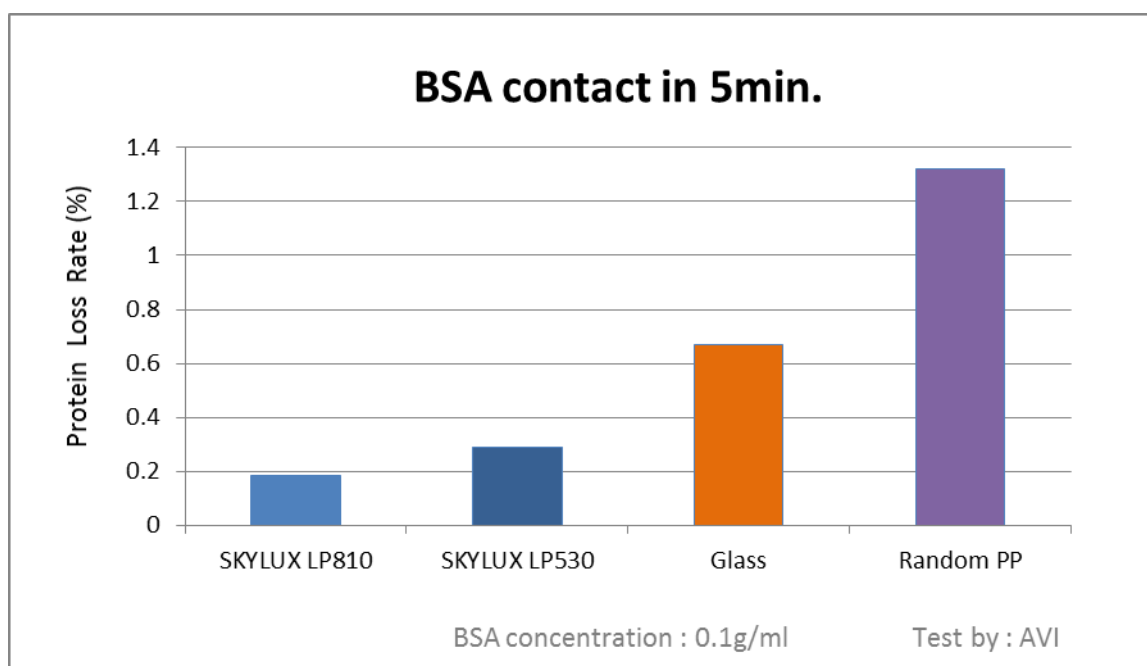
SKYLUX® Ultra-Low-Protein-Binding Polypropylene

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Driven by the rapid growth in proteomics and protein research applications the need for storage tubes where interaction between the sample and the tube surface is minimized has grown exponentially.

The need for storage tubes which exhibit ultra-low-protein-binding properties is critical to these research fields due to the low concentrations of proteins typically found in samples.


A study – protein binding measurement tests were performed on treated SKYLUX® ultra-low-protein-binding polypropylene(PP) and untreated polypropylene(PP). The results show that SKYLUX® ultra-low-Protein-binding polypropylene exhibits very low protein binding ratio, even lower than glass.



The study concludes that storage tubes, centrifuge tubes, well plates made of SKYLUX® ultra-low-Protein-binding polypropylene, protein recovery rates are maximized and consequently protein loss is minimized.

SKYLUX®

Ultra Low Protein Binding Polypropylene Resin



SKYLUX®
*Your choice for storage tubes in proteomics
and protein research applications*

Benefits

- Minimize the risk of sample loss and improves the signals obtained during sample manipulation
- Able to tolerate centrifuge speeds up to 20,000RCF
- Free of surface coating
- Tubes are disposable and autoclavable

SKYLUX® is a trademark of DragonChem Limited

Benefits using SKYLUX® ultra-low-protein-binding polypropylene on lab wares for proteomics, protein biology, protein purification and isolation, affinity purification, protein mass spectrometry analysis and sample prep for mass spectrometry applications:

- ✓ Minimized the risk of sample loss and improves the signals obtained during sample manipulation
- ✓ Eliminate post-processing of coating or polishing on end products.
- ✓ Lighter weight to replace glass
- ✓ Easy processing
- ✓ Free of phthalates
- ✓ RoHS & REACH/SVHC compliant
- ✓ Disposable & autoclavable