

Sample Pad and Conjugate Pad For Lateral Flow Assays

For Lateral Flow Assays

Sheet Dimension: 300 x 200mm

Format: Roll or Sheet

Applications: Lateral Flow Test



Glass Fiber Membranes

| Item | Features | Thickness (mm) | Water Absorption(g/m ²) | Weight (g/m ²) | Capillary Flow Time | Application |
|-----------|-------------|----------------|-------------------------------------|----------------------------|---------------------|------------------------|
| S-100 | Hydrophilic | 0.40±0.05 | 650±50 | 100±10 | 60s = 4.0cm | Sample Pad |
| S-80 | Hydrophilic | 0.35±0.05 | 550±50 | 80±10 | 60s = 4.0cm | Sample Pad |
| SC-80 | Hydrophilic | 0.35±0.05 | 550±50 | 80±5 | 40±10 s/4cm | Sample & Conjugate Pad |
| SC-75 | Hydrophilic | 0.30±0.03 | 575±75 | 75±5 | 40±10 s/4cm | Sample & Conjugate Pad |
| C-55 | Hydrophilic | 0.24±0.03 | 400±50 | 55±5 | 40±10 s/4cm | Conjugate Pad |
| C-40 | Hydrophilic | 0.20±0.03 | 200±50 | 40±5 | 25±5 s/4cm | Conjugate Pad |
| LFMA-0020 | Hydrophilic | 0.35±0.05 | 570±50 | 85±5 | 50±10 s/4cm | Sample pad |
| LFMA-0021 | Hydrophilic | 0.30±0.03 | 550±50 | 80±5 | 40±10 s/4cm | Conjugate pad |

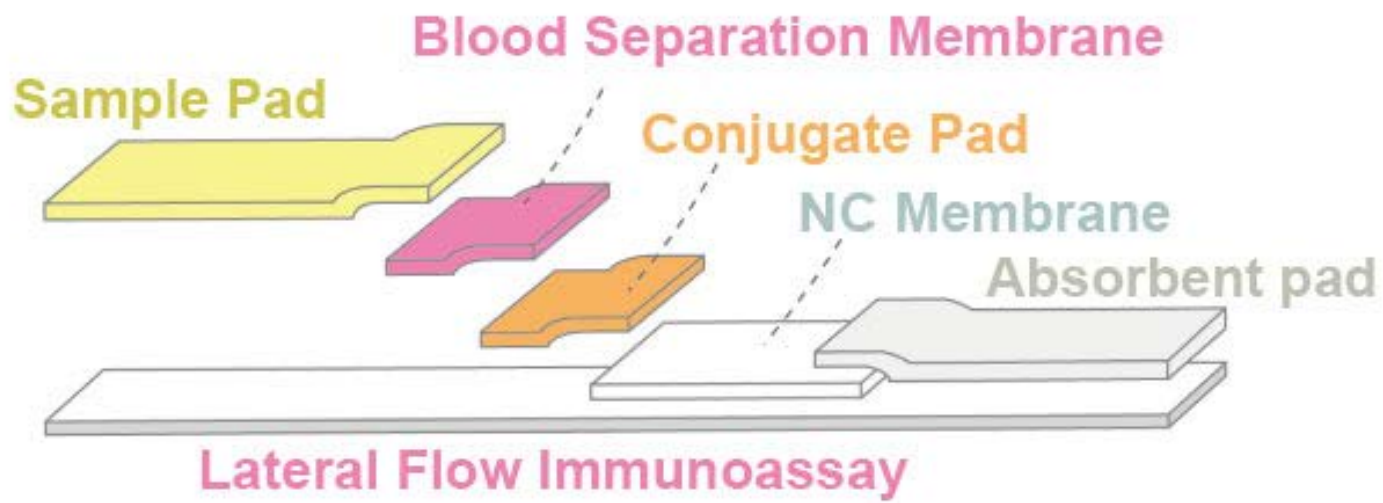


Uniform structure and consistent density, hydrophilic, fast release, suitable for specimen as: serum, urea, stool, etc. Application for platforms: gold nanoparticle, latex nanoparticle, fluorescence lateral flow, etc.

Alternative: SC-75 is similar with 8964, C-55 substitute for 8950.

Blood Separation Membranes

| Item | Features | Thickness (mm) | Water Absorption(g/m ²) | Weight (g/m ²) | Capillary Flow Time |
|--------|-------------|----------------|-------------------------------------|----------------------------|---------------------|
| BLM-55 | Hydrophilic | 0.55±0.05 | 550±50 | 120±10 | 20±5 s/cm |



| Item | Features | Thickness (mm) | Water Absorption(g/m ²) | Weight (g/m ²) | Capillary Flow Time | Application |
|-------|-------------|----------------|-------------------------------------|----------------------------|---------------------|---------------|
| PM-80 | Hydrophilic | 0.23±0.03 | 160±30 | 78±7 | 25±5 s/4cm | Conjugate Pad |
| PM-90 | Hydrophilic | 0.30±0.03 | 220±30 | 95±10 | 25±5 s/4cm | Conjugate Pad |

The density, structure and consistency are high assay performance with strong tenacity. It's quite stable and little water absorbent, fast release speed, suitable for using as conjugate pads for projects that are prone to generate false positives. It is widely used in HCG, LH, FOB, drug testing and other rapid screening projects.

Absorbent Pads For Lateral Flow Assays

| Item | Features | Thickness (mm) | Water Absorption(g/m ²) | Weight (g/m ²) | Capillary Flow Time | Application |
|-----------|-------------|----------------|-------------------------------------|----------------------------|---------------------|---|
| AP-F270 | Hydrophilic | 0.68±0.05 | 500±100 | 270±10 | 20±10 s/4cm | Absorb fast.For Lateral Flow Assays |
| AP-S270 | Hydrophilic | 0.68±0.05 | 500±100 | 270±10 | 150±50 s/4cm | Absorb fast.For Lateral Flow Assays |
| AP-D370 | Hydrophilic | 0.95±0.05 | 750±100 | 370±10 | 85±15 s/4cm | High absorbent.For Lateral Flow Immunoassay |
| LFMA-0022 | Hydrophilic | 0.6±0.05 | 80±5 | 300±10 | 40±5 s/4cm | High absorbent.For Lateral Flow Immunoassay |
| LFMA-0023 | Hydrophilic | 0.6±0.05 | 80±5 | 300±10 | 40±5 s/4cm | High absorbent.For Lateral Flow Immunoassay |
| LFMA-0025 | Hydrophilic | 0.6±0.08 | 80±5 | 300±10 | 40±5 s/4cm | High absorbent.For Lateral Flow Immunoassay |
| LFMA-0026 | Hydrophilic | 0.9±0.1 | 100±5 | 400±30 | 45±5 s/4cm | High absorbent.For Lateral Flow Immunoassay |

