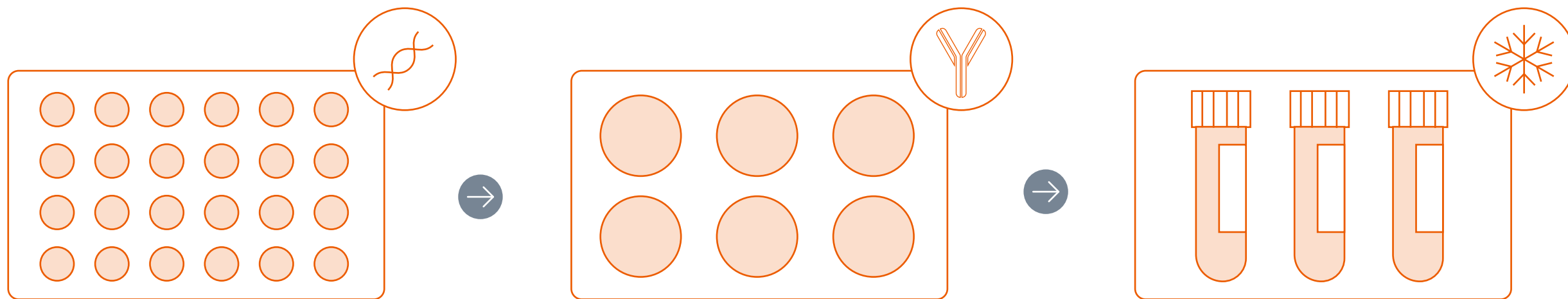


# Ensuring quality in monoclonal antibody therapeutics with USP standards

## 1 CELL LINE DEVELOPMENT & EXPANSION



## ANTIBODY CHARACTERIZATION

## 2 UPSTREAM PRODUCTION

## 3 DOWNSTREAM PRODUCTION

Purification  
Protein A  
IEX Chromatography

## 4 FORMULATION & FILL FINISH

## 5 PACKAGING & DISTRIBUTION

### Reference Standards

#### RS 1 Glycan Profiling

N-Acetylneuraminic Acid (Cat # 1612619) [\[i\]](#)  
N-Glycolylneuraminic Acid (Cat # 1294284) [\[i\]](#)  
Oligosaccharide System Suitability Mixture A (Cat # 1478210) [\[i\]](#)  
Oligosaccharide System Suitability Mixture B (Cat # 1478221) [\[i\]](#)  
Oligosaccharide System Suitability Mixture C (Cat # 1478232) [\[i\]](#)  
Oligosaccharide System Suitability Mixture D (Cat # 1478243) [\[i\]](#)

#### RS 2 Monoclonal Antibodies

Monoclonal IgG Suitability (Cat # 1445550) [\[i\]](#)  
Monoclonal IgG1, mAb 001 RS (Cat # 1445539) [\[i\]](#)  
Monoclonal IgG1, mAb 002 RS (Cat # 1445547) [\[i\]](#)  
Monoclonal IgG1, mAb 003 RS (Cat # 1445595) [\[i\]](#)

#### RS 3 Impurities

CHO Genomic DNA (Cat # 1130710) [\[i\]](#)  
E. coli Genomic DNA (Cat # 1231557) [\[i\]](#)

#### RS 4 Adventitious Agents

Endotoxin (Cat # 1235503) [\[i\]](#)

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\* In-Process Revision