



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

Sole Source

I hereby confirm that 10x Genomics, Inc. is the exclusive manufacturer of the products listed in Exhibit A hereto.

Exhibit B represents exemplary patents and patent applications from the 10x Genomics, Inc. portfolio.

Sincerely,

DocuSigned by:

13B06D2DB47449E...
Nikhil Rao

VP, Product Mgmt and Xenium Business Lead
August 2, 2023



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

Exhibit A (Products)

Chromium platform:

Product Name	Part Number
Chromium Single Cell Fixed RNA Sample Preparation Kit , 16 rxns	1000414
Chromium Single Cell Fixed RNA Kit, Human Transcriptome, 4rxns x 1 BC	1000474
Chromium Single Cell Fixed RNA Kit, Human Transcriptome, 4rxns x 4 BC	1000475
Chromium Single Cell Fixed RNA Kit, Human Transcriptome, 4rxns x 16 BC	1000476
Chromium Fixed RNA Kit, Human Transcriptome, 16 rxns x 16 BC	1000547
Chromium Single Cell Fixed RNA Kit, Mouse Transcriptome, 4rxns x 1 BC	1000495
Chromium Single Cell Fixed RNA Kit, Mouse Transcriptome, 4rxns x 4 BC	1000496
Chromium Single Cell Fixed RNA Kit, Mouse Transcriptome, 4rxns x 16 BC	1000497
Chromium Fixed RNA Kit, Mouse Transcriptome, 16 rxns x 16 BC	1000568
Chromium Chip Q Single Cell Kit, 16 rxns	1000422
Chromium Chip Q Single Cell Kit, 48 rxns	1000418
Fixed RNA Feature Barcode Kit, 16 rxns	1000419
Chromium Next GEM Single Cell 3' Kit v3.1, 16 rxns	1000268
Chromium Next GEM Single Cell 3' Kit v3.1, 4 rxns	1000269



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

Chromium Next GEM Chip G Single Cell Kit, 48 rxns	1000120
Chromium Next GEM Chip G Single Cell Kit, 16 rxns	1000127
Chromium Next GEM Single Cell 3' HT Kit v3.1, 48 rxns	1000348
Chromium Next GEM Single Cell 3' HT Kit v3.1, 8 rxns	1000370
Chromium Next GEM Chip M Single Cell Kit, 16 rxns	1000371
Chromium Next GEM Automated Single Cell 3' Library and Gel Bead Kit v3.1, 24 rxns	1000141
Chromium Next GEM Automated Single Cell 3' Library and Gel Bead Kit v3.1, 4 rxns	1000147
Chromium Next GEM Chip G Automated Single Cell Kit, 48 rxns	1000136
Chromium Next GEM Chip G Automated Single Cell Kit, 16 rxns	1000146
Automated Library Construction Kit, 24 rxns	1000428
Chromium Next GEM Automated Single Cell 3' cDNA Kit v3.1, 24 rxns	1000424
Dual Index Kit NT Set A, 96 rxn	1000242
Dual Index Kit NN Set A, 96 rxn	1000243
3' Feature Barcode Kit, 16 rxns	1000262
3' CellPlex Kit Set A, 48 rxns	1000261
Chromium Next GEM Single Cell 5' Kit v2, 16 rxns	1000263



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

Chromium Next GEM Single Cell 5' Kit v2, 4 rxns	1000265
Chromium Next GEM Chip K Single Cell Kit, 48 rxns	1000286
Chromium Next GEM Chip K Single Cell Kit, 16 rxns	1000287
Chromium Next GEM Single Cell 5' HT Kit v2, 48 rxns	1000356
Chromium Next GEM Single Cell 5' HT Kit v2, 8 rxns	1000374
Chromium Next GEM Chip N Single Cell Kit, 16 rxns	1000375
Chromium Single Cell Human TCR Amplification Kit, 16 rxns	1000252
Chromium Single Cell Human BCR Amplification Kit, 16 rxns	1000253
Chromium Single Cell Mouse TCR Amplification Kit, 16 rxns	1000254
Chromium Single Cell Mouse BCR Amplification Kit, 16 rxns	1000255
Dual Index Kit TN Set A, 96 rxn	1000250
5' Feature Barcode Kit, 16 rxns	1000541
5' CRISPR Kit, 16 rxns	1000451
Chromium, Single Cell 5' BEAM Core Kit, PE, Set A 128 rxns	1000539
Chromium Human MHC Class I A0201 Monomer Kit, 32 rxns	1000542
Chromium Human MHC Class I A1101 Monomer Kit, 32 rxns	1000543



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

Chromium Human MHC Class I B0702 Monomer Kit, 32 rxns	1000544
Chromium Human MHC Class I A2402 Monomer Kit, 32 rxns	1000545
Chromium Mouse MHC Class I H2Kb Monomer Kit 32 rxns	1000546
Chromium Next GEM Automated Single Cell 5' Kit v2, 24 rxns	1000290
Chromium Next GEM Automated Single Cell 5' Kit v2, 4 rxns	1000298
Chromium Next GEM Automated Single Cell 5' cDNA Kit v2, 24 rxns	1000425
Chromium Next GEM Automated Chip K Single Cell Kit, 16 rxns	1000305
Chromium Next GEM Chip K Automated Single Cell Kit, 48 rxns	1000300
Chromium Automated Single Cell Human BCR Amplification & Library Construction Kit, 24 rxns	1000310
Chromium Automated Single Cell Human TCR Amplification & Library Construction Kit, 24 rxns	1000455
Chromium Automated Single Cell Mouse TCR Amplification & Library Construction Kit, 24 rxns	1000297
Chromium Automated Single Cell 5' Feature Barcode Library Construction Kit, 24 rxns	1000289
Chromium Next GEM Single Cell ATAC Kit v2, 16 rxns	1000390
Chromium Next GEM Single Cell ATAC Kit v2, 4 rxns	1000406
Chromium Next GEM Chip H Single Cell Kit, 48 rxns	1000161
Chromium Next GEM Chip H Single Cell Kit, 16 rxns	1000162
Chromium Next GEM Single Cell Multiome ATAC + Gene Expression Reagent Bundle, 16 rxns	1000283



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

Chromium Next GEM Single Cell Multiome ATAC + Gene Expression Reagent Bundle, 4 rxns	1000285
Chromium Next GEM Chip J Single Cell Kit, 16 rxns	1000230
Chromium Next GEM Chip J Single Cell Kit, 48 rxns	1000234
Chromium Next GEM Training Reagents, Gel Beads and Chip Kits	1000143
Library Construction Kit, 16 rxns	1000190
Single Index Kit N Set A, 96 rxns	1000212
Dual Index Kit TT Set A, 96 rxn	1000215
Dual Index Kit TS Set A, 96 rxn	1000251
Library Construction Kit, 48 rxns	1000352
Chromium Nuclei Isolation Kit, 16 rxns	1000493
Chromium Nuclei Isolation Kit with RNase Inhibitor, 16 rxns	1000494
Chromium X & Accessory Kit, with 1 Year Warranty	1000331
Chromium iX & Accessory Kit, with 1 Year Warranty	1000328
Chromium X Upgrade Package	1000330
Chromium X Chip Holder	1000393
Chromium Next GEM Secondary Holder - 1000195	1000195



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

10x Magnetic Separator	120250
10x Vortex Adaptor	120251
10x Magnetic Separator HT	1000394
Chromium Connect System, with 1 Year Warranty	1000171
Chromium Connect HEPA CAP Hood	1000174

Visium platform:

Product Name	Part Number
Visium Spatial Gene Expression Slide & Reagents Kit, 16 rxns	1000184
Visium Spatial Gene Expression Slide & Reagents Kit, 4 rxns	1000187
Visium Spatial Tissue Optimization Slide & Reagents Kits, 4 samples	1000193
Visium Spatial Accessory Kit	1000194
Visium Spatial Gene Expression Starter Kit	1000200
Dual Index Kit TT, Set A, 96 rxns	1000215
Dual Index Kit TS Set A, 96 rxns	1000251
Visium Spatial for FFPE Gene Expression Starter Kit, Human Transcriptome	1000334
Visium Spatial for FFPE Gene Expression Starter Kit, Mouse Transcriptome	1000335
Visium Spatial for FFPE Gene Expression Kit, Human Transcriptome, 16 rxns	1000336



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

Visium Spatial for FFPE Gene Expression Kit, Mouse Transcriptome, 16 rxns	1000337
Visium Spatial for FFPE Gene Expression Kit, Human Transcriptome, 4 rxns	1000338
Visium Spatial for FFPE Gene Expression Kit, Mouse Transcriptome, 4 rxns	1000339
Visium CytAssist	1000441
Visium CytAssist w/24 month warranty	1000442
Visium CytAssist Spatial Gene Expression for FFPE, 6.5mm, Human Transcriptome, 16 rxns	1000443
Visium CytAssist Spatial Gene Expression for FFPE, 11mm, Human Transcriptome, 8 rxns	1000444
Visium CytAssist Spatial Gene Expression for FFPE, 6.5mm, Mouse Transcriptome, 16 rxns	1000445
Visium CytAssist Spatial Gene Expression for FFPE, 11mm, Mouse Transcriptome, 8 rxns	1000446
Visium CytAssist Training Kit	1000458
Visium CytAssist Calibration Kit	1000459
Visium 6.5mm Slide Cassette, 4 pk	1000469
Visium 11mm Slide Cassette, 4 pk	1000470
Visium CytAssist Tissue Slide Cassette, 4 pk, 6.5 mm	1000471
Visium CytAssist Tissue Slide Cassette, 4 pk, 11 mm	1000472
Visium CytAssist Reagent Accessory Kit	1000499
Visium CytAssist Spatial Gene Expression for FFPE, 6.5mm, Human Transcriptome, 4 rxns	1000520
Visium CytAssist Spatial Gene Expression for FFPE, 6.5mm, Mouse Transcriptome, 4 rxns	1000521



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

Visium CytAssist Spatial Gene Expression for FFPE, 11mm, Human Transcriptome, 2 rxns	1000522
Visium CytAssist Spatial Gene Expression for FFPE, 11mm, Mouse Transcriptome, 2 rxns	1000523
Human Immune Cell Profiling Panel - Small	1000607
Visium CytAssist Protein Core Reagent Kit	1000603

Xenium platform:

Product Name	Part Number
Xenium Analyzer	1000481
Xenium Decoding Consumables (1 run, 2 slides)	1000487
Xenium Decoding Reagents (1 run, 2 slides)	1000461
Xenium Slides & Sample Prep Reagents (2 slides, 2 rxns)	1000460
Xenium Mouse Brain Gene Expression Panel (2 rxns)	1000462
Xenium Human Breast Gene Expression Panel (2 rxns)	1000463
Xenium Custom Gene Expression Panel (up to 50 genes)	1000464
Xenium Custom Gene Expression Panel (51 to 100 genes)	1000561
Xenium Human Brain Gene Expression Panel (2 rxns)	1000599
Xenium Human Lung Gene Expression Panel (2 rxns)	1000601
Xenium Human Multi Tissue and Cancer Gene Expression Panel (2rxns)	1000626
Xenium Slides (two slides)	1000465



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

Exhibit B (Patents)

Chromium platform:

<i>Country / Patent Office</i>	<i>Patent Number</i>
Australia	AU2013302756
Australia	AU2018203012
Korea	KR102090851
People's Republic of China	CN104769127
People's Republic of China	CN111748607
United States	US11,078,522
Australia	AU2015279548
United States	US10,584,381
United States	US10,590,244
United States	US10,837,047
European Patent Office	EP2954104
European Patent Office	EP3013957
People's Republic of China	CN105492607
European Patent Office	EP3161160
United States	US9,410,201
United States	US10,676,789
United States	US9,388,465
United States	US9,689,024
United States	US9,701,998
United States	US9,856,530
United States	US10,221,442



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

United States	US10,597,718
United States	US10,053,723
United States	US10,760,124
United States	US10,745,742
United States	US10,876,147
United States	US10,208,343
United States	US10,480,028
United States	US10,253,364
United States	US10,457,986
United States	US10,400,280
United States	US10,669,583
United States	US10,626,458
United States	US10,752,950
United States	US10,011,872
United States	US10,337,061
United States	US9,951,386
United States	US10,030,267
United States	US10,041,116
United States	US10,344,329
United States	US10,323,278
United States	US10,480,029
United States	US10,550,429
United States	US10,858,702
United States	US10,954,562



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

European Patent Office	EP3559265
European Patent Office	EP3568494
European Patent Office	EP2972366
United States	US10,347,365
United States	US9,975,122
United States	US10,059,989
United States	US10,150,995
United States	US10,337,062
United States	US10,738,357
United States	US10,619,207
European Patent Office	EP2999792
European Patent Office	EP3470530
Japan	JP6618894
People's Republic of China	CN105339503
Australia	AU2014268710
United States	US10,400,235
United States	US10,844,372
European Patent Office	EP3445876
People's Republic of China	CN109526228
United States	US10,357,771
United States	US10,583,440
United States	US10,898,900
United States	US10,610,865
United States	US10549279



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

United States	US10766032
United States	US10821442
United States	US10697000
United States	US10155981
United States	US10240197
United States	US10280459
United States	US10392662
United States	US10633702
United States	US10725027
United States	US10954562
United States	US10650912
Australia	AU2016206706
Singapore	SG11201705425S
European Patent Office	EP3245605
People's Republic of China	CN107209814
Canada	CA2900543
United States	US11,713,457
United States	US11,639,928

Visium Platform:

<i>Country</i>	<i>Patent Number</i>
United States	US10,030,261
European Patent Office	EP2697391
Canada	CA2,832,678
People's Republic of China	CN103781918



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

Japan	JP5916166
Australia	AU2012241730
Korea	KR101994494
New Zealand	NZ616407
Mexico	MX340330
Russian Federation	RU2603074
South Africa	ZA2013/07628
United States	US9,593,365
European Patent Office	EP2909337
Japan	JP6828007
European Patent Office	EP3280820
European Patent Office	EP3530752
United States	US10,774,374
United States	US9,371,598
United States	US10,308,982
European Patent Office	EP2556171
People's Republic of China	CN102834526
Hong Kong	HK1182143
Japan	JP5893607
Korea	KR101866401
Australia	AU2014203638
Australia	AU2011237729
United States	US9,868,979
United States	US9,879,313



10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588-3260
 (925) 401-7300

10xgenomics.com

People's Republic of China	CN105849275
United States	US10,472,669
United States	US10,480,022
United States	US10,494,667
United States	US10,612,079
United States	US10,619,196
United States	US10,662,467
United States	US10,662,468
United States	US10,914,730
United States	US10,962,532
United States	US10,983,113
European Patent Office	EP3511423
United States	US10,982,268
United States	US10,961,566
United States	US10,996,219
United States	US11,001,878
United States	US11,001,879
United States	US11,008,607
United States	US11,162,132
United States	US11,208,684
United States	US11,332,790
United States	US11,384,386
United States	US11,479,809
United States	US11,505,828



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

United States	US11,542,543
United States	US11,549,138
United States	US11,560,587
United States	US11,560,593
European Patent Office	EP3013983
European Patent Office	EP3891300
European Patent Office	EP3916108
European Patent Office	EP3901282
European Patent Office	EP4119677
United States	US11,592,447
United States	US11,608,498
United States	US11,608,520
United States	US11,613,773
United States	US11,618,897
United States	US11,618,918
United States	US11,624,063
United States	US11,624,085
United States	US11,624,086
United States	US11,634,756
United States	US11,649,485
United States	US11,661,626
United States	US11,680,260
United States	US11,692,218
United States	US11,702,693



10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588-3260
(925) 401-7300

10xgenomics.com

United States	US11,702,698
---------------	--------------

Xenium platform:

<i>Country</i>	<i>Patent Number</i>
United States	US11,021,737
United States	US11,111,521
United States	US11,293,051
United States	US11,293,052
United States	US11,542,554
United States	US11,566,276
United States	US11,566,277
United States	US11,639,518
European Patent Office	EP4108782
Canada	CA2859761
Hong Kong	HK42023074999.6
Canada	CA2859761