



RITTC Service Catalog

RNA Informatics, Technologies, and Therapies Core · Anschutz Medical Campus

Provisional rates. These prices are preliminary and subject to change as the core matures and its FY27 cost study is finalized.

The complete services below are what most projects order. **Internal (CU) rates** recover actual cost only — reagents, staff time, and overhead, with no profit; external users pay a standard **academic 1.5x** or **industry 2x** uplift. Individual steps can also be ordered à la carte — see the building blocks further down.

Service menu

Service	Unit	CU internal	Academic 1.5x	Industry 2x
Ribosome profiling				
A1 Ribosome — Library Prep + QC	per sample	\$993.06	\$1,489.58	\$1,986.11
A2 Ribosome — Library Sequencing	per sample	\$232.20	\$348.31	\$464.41
Nanopore tRNA sequencing				
B1 Nanopore tRNA — Library Prep	per sample	\$286.05	\$429.08	\$572.10
B2 Nanopore tRNA — Sequencing	per sample	\$273.80	\$410.69	\$547.59
Nanopore direct-mRNA sequencing				
C1 Nanopore dRNA — Library Prep	per sample	\$257.04	\$385.57	\$514.09
C2 Nanopore dRNA — Sequencing	per sample	\$447.84	\$671.76	\$895.68
Nanopore long-read cDNA sequencing				
E1 Nanopore cDNA — Library Prep	per sample	\$257.04	\$385.57	\$514.09
E2 Nanopore cDNA — Sequencing	per sample	\$447.84	\$671.76	\$895.68
mRNA-LNP production line				
D1 mRNA Design Fee	per construct	\$392.80	\$589.20	\$785.59
D2 mRNA Production	per prep	\$429.78	\$644.67	\$859.56
D3 LNP Packaging + QC	per prep	\$476.16	\$714.24	\$952.32
Informatics analysis packages				
I1 Informatics — Ribosome Profiling	per package	\$4,208.56	\$6,312.84	\$8,417.12
I2 Informatics — RNA-seq	per package	\$1,841.24	\$2,761.87	\$3,682.49
I3 Informatics — Single-cell	per package	\$4,208.56	\$6,312.84	\$8,417.12
I4 Informatics — Spatial (Xenium)	per package	\$4,208.56	\$6,312.84	\$8,417.12
Analyst time				
I5 Informatics — Analyst Flex Time	per hour	\$105.21	\$157.82	\$210.43

Sequencing steps are billed only for libraries that clear the preceding library-prep go/no-go QC gate.

What a full experiment costs

Each major offering, all-in with wet-lab and informatics, for a typical experiment. Wet-lab steps are per sample; one informatics package covers the whole dataset.

Ribosome profiling — 6-sample experiment, wet + dry

Step	Unit	Rate	Qty	Subtotal
Ribosome library prep + QC	per sample	\$993.06	6	\$5,958.34
Library sequencing (QC-passed)	per sample	\$232.20	6	\$1,393.22
Informatics — ribosome profiling	per experiment	\$4,208.56	1	\$4,208.56

All-in, per experiment CU internal **\$11,560.12** · academic (1.5x) \$17,340.17 · industry (2x) \$23,120.23

Nanopore tRNA sequencing — 6-sample experiment, wet + dry

Step	Unit	Rate	Qty	Subtotal
tRNA library prep	per sample	\$286.05	6	\$1,716.30
tRNA sequencing (QC-passed)	per sample	\$273.80	6	\$1,642.77
Informatics — RNA-seq	per experiment	\$1,841.24	1	\$1,841.24

All-in, per experiment CU internal **\$5,200.32** · academic (1.5x) \$7,800.48 · industry (2x) \$10,400.64

Nanopore direct mRNA sequencing — 6-sample experiment, wet + dry

Step	Unit	Rate	Qty	Subtotal
dRNA library prep	per sample	\$257.04	6	\$1,542.26
dRNA sequencing (QC-passed, 2 flow-cell slots)	per sample	\$447.84	6	\$2,687.05
Informatics — RNA-seq	per experiment	\$1,841.24	1	\$1,841.24

All-in, per experiment CU internal **\$6,070.55** · academic (1.5×) \$9,105.83 · industry (2×) \$12,141.11

mRNA-LNP production — 1 construct + 1 prep

Step	Unit	Rate	Qty	Subtotal
mRNA design fee	per construct	\$392.80	1	\$392.80
mRNA production	per prep	\$429.78	1	\$429.78
LNP packaging + QC	per prep	\$476.16	1	\$476.16

All-in, per experiment CU internal **\$1,298.74** · academic (1.5×) \$1,948.11 · industry (2×) \$2,597.48

Need more than the standard week?

Most standard informatics packages cover **40 hours (1 week)** of analyst time (bulk RNA-seq is scoped smaller, 17.5 hr). When a project needs more, additional time is billed hourly at the analyst Flex rate — an **extra week (40 hr)** is $40 \times \$105.21 = \$4,209$ (internal cost; external users pay the standard academic/industry uplift). Dedicated multi-week engagements are arranged case by case.

How the rates are built

- **Every service is composed of priced catalog steps.** A service (a **bundle**) is made of **catalog** building blocks — a reagent-and-labor step such as library prep or a sequencing run. Order the whole service, or individual steps à la carte.
- **Prep and sequencing are separate steps.** For example, **Nanopore tRNA sequencing** is built from two catalog items — **tRNA Library Prep** (B1) and **tRNA Sequencing** (B2). Order both as the standard service, or either one à la carte. A step costs the same whether you order it alone or as part of a service, and sequencing is billed only for libraries that clear the library-prep go/no-go QC gate.

À-la-carte building blocks (catalog)

The priced steps that make up each service. Internal (CU) cost per unit; external rates apply the same academic 1.5× / industry 2× uplift.

Code	Component	Unit	CU internal
Library prep			
A1	Ribosome — Library Prep + QC	per sample	\$993.06
B1	Nanopore tRNA — Library Prep	per sample	\$286.05
C1	Nanopore dRNA — Library Prep	per sample	\$257.04
E1	Nanopore cDNA — Library Prep	per sample	\$257.04
Sequencing			
A2	Ribosome — Library Sequencing	per sample	\$232.20
B2	Nanopore tRNA — Sequencing	per sample	\$273.80
C2	Nanopore dRNA — Sequencing (2 flow-cell slots (2× reads))	per sample	\$447.84
E2	Nanopore cDNA — Sequencing	per sample	\$447.84
mRNA synthesis			
D1	mRNA Design Fee	per construct	\$392.80
D2	mRNA Production	per prep	\$429.78
D3	LNP Packaging + QC	per prep	\$476.16
Informatics			
I1	Informatics — Ribosome Profiling	per package	\$4,208.56
I2	Informatics — RNA-seq	per package	\$1,841.24
I3	Informatics — Single-cell	per package	\$4,208.56
I4	Informatics — Spatial (Xenium)	per package	\$4,208.56
I5	Informatics — Analyst Flex Time	per hour	\$105.21

Ordering & terms

- **Internal (CU) rates** are cost-recovery and apply to CU Anschutz investigators paying by speedtype. **External academic** (other institutions) and **industry** rates add a standard 1.5× / 2× uplift.

- **Ribosome profiling** has a minimum of 6 samples per experiment. Sequencing is billed only for libraries that pass the go/no-go QC gate.
- **Informatics packages** cover a standard 1-week (40-hour) analysis scope (bulk RNA-seq is scoped smaller, 17.5 hr); work beyond that scope is billed hourly at the analyst Flex rate.
- Rates are set annually by the approved FY27 cost study and are subject to revision. To start a project or request a quote, contact rittc-core@cuanschutz.edu.