Attogene

LATERAL FLOW DEVELOPMENT & MANUFACTURING

From target to test strip.

We design, optimize and manufacture lateral flow assays for hard targets: pathogens, toxins, biomarkers and environmental contaminants. Everything happens in-house in Austin, Texas.

EVERY LAYER, ENGINEERED IN-HOUSE

FLOW →



Sample pad | Conjugate pad | Membrane · T/C lines | Absorbent pad

Why teams choose Attogene

20+ years of assay work

Clinical, veterinary, food, environmental and biodefense work.

Everything under one roof

Conjugation, membranes and strip assembly, all done in-house.

Quantitative when you need it

Fluorescent, reader-based formats that go beyond yes or no.

Validated and made in the USA

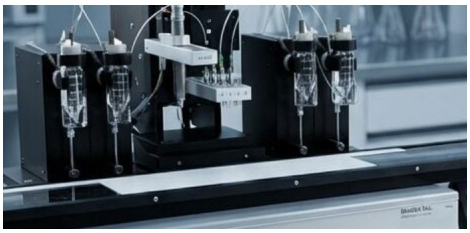
Stability testing, QC methods and manufacturing in Austin.

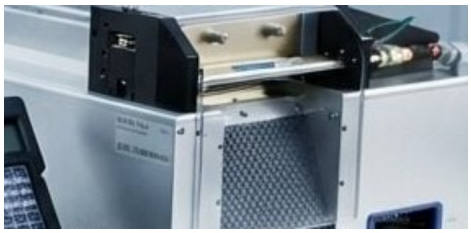
4 weeks
to feasibility results

3–6 months
to a fully developed assay

0.1 ppb
lowest LOD, with assays up to ppm

INSIDE OUR AUSTIN LAB







How a project runs

Join at any stage.

01
Feasibility & targets
Target, requirements, regulatory path.

02
Antibody pair selection
Ranked on sensitivity and specificity.

03
Conjugation & reagents
Gold, latex, quantum dot or fluorescent.

04
Strip & membrane design
Membrane, pads and flow, tuned to data.

05
Stability & verification
Shelf-life, environmental and QC testing.

06
Pilot & scale-up
SOPs, tech transfer, US manufacturing.

FORMATS

Sandwich
Competitive
Multiplex
Reader-based quantitative

LABELS & DETECTION

Colloidal gold
Latex beads
Quantum dots
Custom fluorophores

DEVELOPMENT

Custom buffers
Sample-prep workflows
Cartridge & housing design
QC method development

MARKETS

Clinical & infectious disease · Veterinary · Food safety · Environmental · Toxicology · Biodefense · Biomarker detection

Start with a free feasibility consult.

Tell us your target and sample type. We'll tell you what it takes.

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