

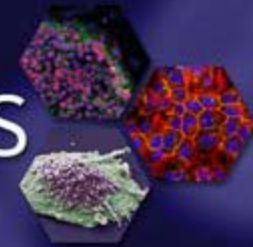


April 2017

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# cell passages



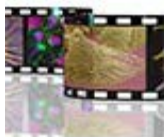
## ATCC Quantitative Cell Line Genomic DNA



ATCC has isolated, purified, and quantified genomic DNA (qDNA) from a number of the highly characterized, authenticated cell lines in our collection. These qDNA preparations contain clinically relevant cancer biomarkers that have been quantified by validated methods for each lot.

- ddPCR™ quantitated for high-precision analysis
- Next-generation sequenced
- Allelic frequency provided
- Absolute mutation/amplification copy number
- Mutations such as BRAF, KRAS, and EGFR
- Amplifications such as HER2, EGFR, and MYC
- PTEN deletions

Discover our growing collection  
of qDNA>>



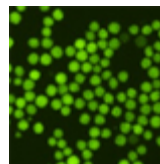
## ATCC® Photo Contest 2017

You could win a \$300 gift card or a \$300 ATCC product credit\*. Submit your images starting May 1st.

Enter your most beautiful, striking, or scientifically exciting images featuring ATCC cell lines, primary cells, stem cells, bacteria, viruses, fungi, yeast, or protists.

Find out more at  
[>>](http://www.atcc.org/photocontest)

\*Winning photos are limited to U.S.



## K-562-GFP Cells

ATCC now provides K-562 cells that overexpress green fluorescent protein (K-562-

GFP; [ATCC® CCL-243-GFP™](#)). These cells are the ideal addition to the well-established natural killer (NK) cell activation assay. Further, K-562-GFP cells can be used in a 96-well format to test the cytotoxicity of anti-cancer drugs.

- Assay time is greatly reduced
- Dye loading and washing are no longer necessary
- Consistent expression of high intensity

customers only; void where prohibited.

fluorescent signal

- Effector:target interactions are not biased by changes in membrane integrity

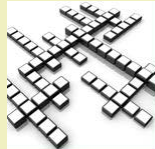
[Learn more about K-562-GFP>>](#)



## WEBINAR: ATCC® Biorepository Services

Want to learn how to safely store your biomaterials? Join us on Thursday, May 25 at 12:00 PM ET to hear Tiffany Gonzalez, *Assistant Manager of Repository Services* at ATCC, discuss the importance of biomaterial management and how ATCC can help with our new Biorepository Services .

[Register today for this free webinar>>](#)



### ATCC Puzzle

Try this [month's crossword puzzle](#) and test your knowledge of cell biology. The solution will appear in next month's issue.

For the solution to last month's Isogenic Idiosyncrasy puzzle [click here](#).

### Resources

- [Cancer Resources](#)
- [Cell Line Genomic DNA](#)
- [Immunological Research Tools](#)



## Frequently Asked Questions

**Q:** What is the difference between purified genomic DNA from ATCC cell lines and ATCC qDNA?

**A:** Purified genomic DNA is extracted from ATCC cell lines and contains genetic alterations that are based on mutations reported in the Sanger Institute's COSMIC database or validated by ATCC. In contrast, qDNA products contain oncology genetic alterations that have been sequence verified and quantified by ATCC for every production lot.

[Have more questions?](#)

[Cell Biology Collections](#)

[Cell Line Authentication](#)

[Facebook](#)

[Cell Biology Resources](#)

[Webinar Registration](#)

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