

p53

Ready to Go Assays • Customizable • Cost-Effective • Fast Turnaround Time

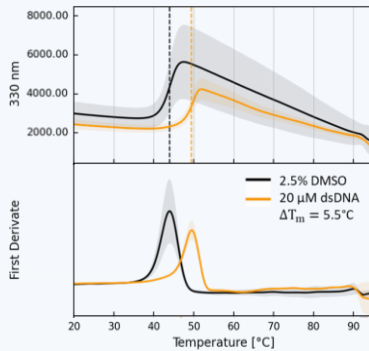
Ready-To-Go Biophysical Assays

- Established assay conditions for binding with DNA and small molecule compounds
- Data delivery within 1-2 weeks after receipt of material

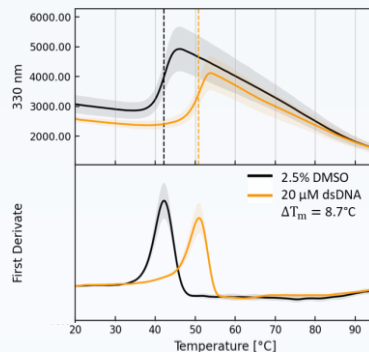
Activity Validation (Binding DNA)

Labelfree TSA (nanoDSF)

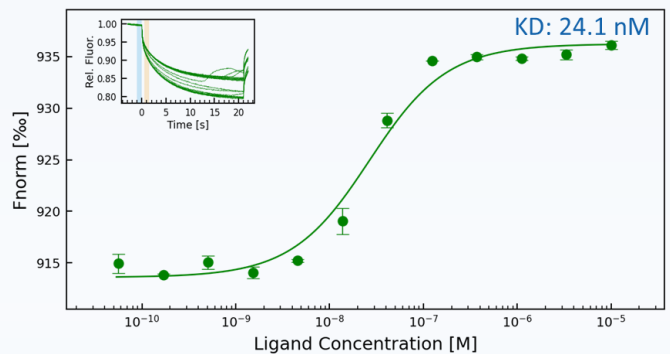
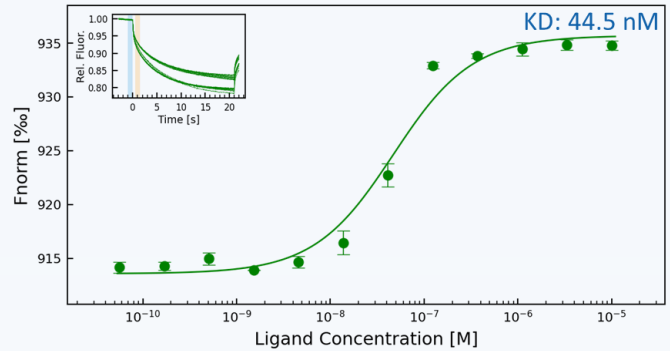
wild type



Y220C_{stabilized}

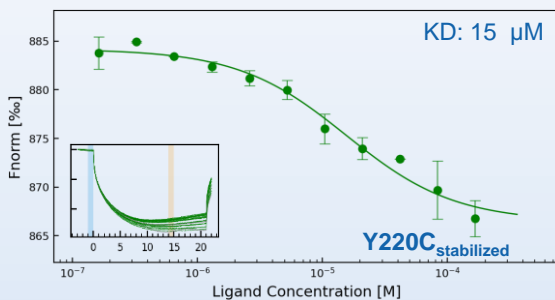


Microscale Thermophoresis (MST)

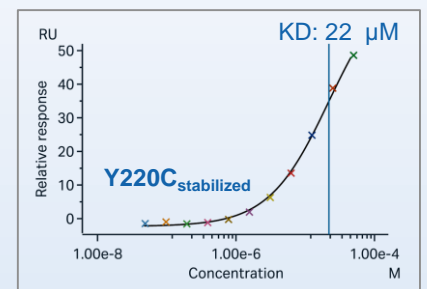
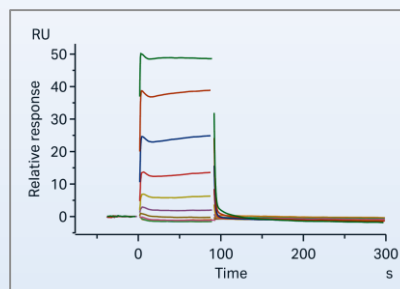


High Throughput Screening Formats Established (Small Molecule Binding)

Microscale Thermophoresis (MST)



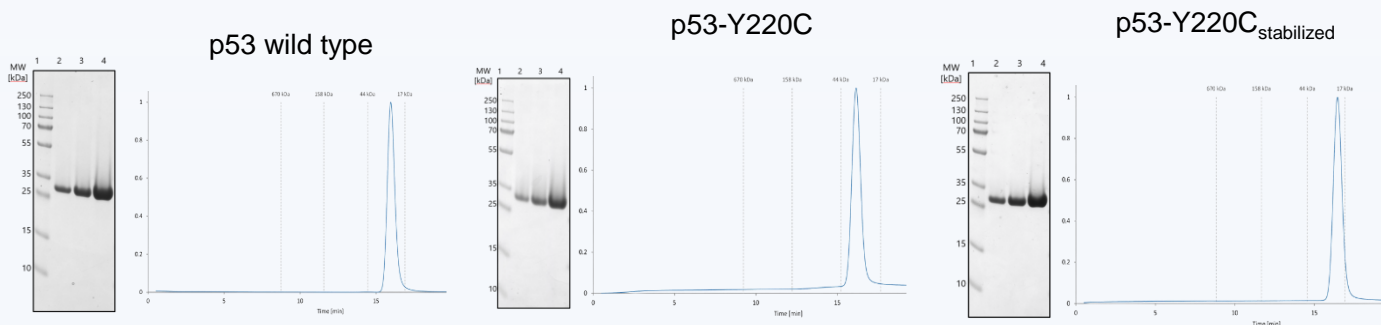
Surface Plasmon Resonance (SPR)



Prime Protein Production

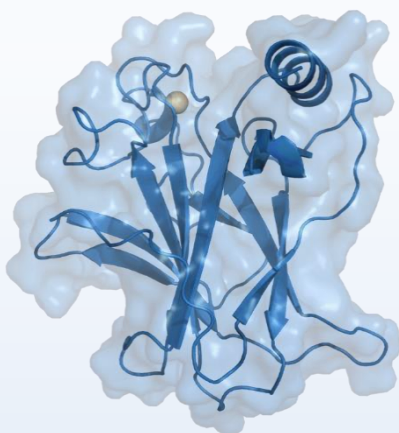
Tailored solution for downstream applications readily available

- Different mutations and tags available
- Stocked protein available



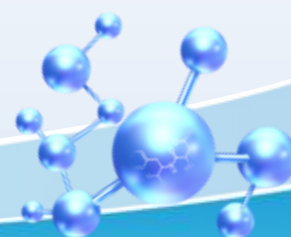
Description	Mutation	Boundaries	Tags
wild type	-	94-321	His- or untagged
Y220C	Y220C	94-321	His- or untagged
Y220C - stabilized	M133L V203A Y220C N239Y N268D	94-321	His- or Avi- or untagged
Y220C - stabilized - Cys-light	C124S M133L C182S Y220C C229S N239Y N268D C275S C277S	94-321	His- or untagged

X-ray Crystallography



- Established Crystallization Systems Available
- Delivery of sub 2 Å crystal structures within 4-6 weeks

Apo p53 structure



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