



DIVERSITY SCREENING COLLECTINS

ActiProbe Series

With ActiProbe Series of screening collections you get access to some of the most diverse chemotypes among distinctly drug-like molecules available from TimTec extended stock. The Series includes different in number of compounds stand-alone collections to suit your assays. All collections share one and the same clustering design approach. Choose any number of compounds from 1,000 to 25,000 as in ActiProbe-1K and 25K, or any number in between, up to 50,000 in ActiGlobe-50K.

Diversity SET

Leverage discovery with Diversity SET, a superior collection in terms of the dissimilar selection of singletons identified within variety of chemo types in TimTec stock. The SET was designed with the diversity being in focus in addition to generally drug-like compounds selection.

ApexScreen-5040

The collection of 5,040 compounds represents the diversity of TimTec stock in a smaller format as opposed to larger screening collections of 10,000 compounds and more. ApexScreen is a perfect starter library and a valuable diversity addition to any existing collection. On top of diverse compound selection ApexScreen includes a number of pure natural compounds and natural derivatives to suit current trends in screening.

MyriaScreen II

It is now 50% updated redesigned version of original MyriaScreen co-developed with Sigma-Aldrich Corporation. The collection unities 10,000 compounds, medicinal chemistry guided refined selection from both companies stock.



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HOW TO SELECT SCREENING LIBRARIES

The more a researcher understands the underlying molecular and cellular mechanisms concerning a particular therapeutic area, the more specialized and narrow should be the compound selection. A general diversity library is the most appropriate choice when mechanics of interaction and structural characteristics are unknown.

TimTec library collections present full line of screening products and are characterized according to the following features that may overlap from collection to collection.

- **General screening collections** include drug-like and highly diverse selections of different sizes to accommodate assays of various through-put capacity
- **Targeted libraries**, ActiTarg Series: GPCR Ligands, Kinase Modulators, Protease Inhibitors, Serine Proteinase Inhibitors, Ion Channel Modulators, Nuclear Receptor Ligands, HDAC Inhibitors
- Collections built around **individual compounds characteristics**: Privileged Structures, ActiCom (compounds with known activates), Anti-infective, Anti-inflammatory, Fragment Based Library, Activity-Aimed sets
- **Nature-informed** - pure natural molecules and natural product derivatives; plant extracts are also included here
- **Custom Sets** are based on your own suggested criteria of selection
- Compound collections **size and formatting**. There are collections of 2,000, 5,000, 10,000, 25,000, 50,000, or even 100,000 or more compounds. Sample size per compound could vary from low in volume solution aliquots to milligram/micromole amounts in dry form. Libraries could be delivered in 96 or 384-well plates and other vessels.

