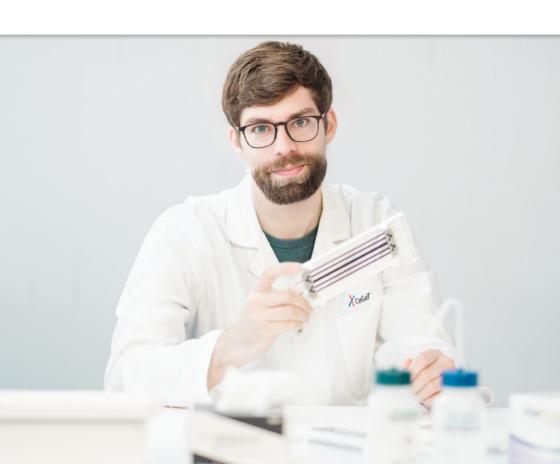


## Pharma Solutions | Ready to Load Sequencing



## Explore Our Product Portfolio for Ready to Load Sequencing

NovaSeq™ X Plus platform (Illumina)		Output [Gb]			
10B flow cell					
SR / PE	200 cycles	2000			
SR / PE	300 cycles	3000			

## Use Our Sequencing Capacity for Your Ready to Load Libraries

CeGaT offers sequencing of custom-made libraries compatible with Illumina or PacBio systems. We make use of the latest sequencing technologies. Depending on your needs, samples will be sequenced either on Illumina short-read platforms (NovaSeq™ X Plus, NovaSeq™ 6000, MiSeq) or the PacBio Sequel IIe long-read system.

Flexible sequencing options are available, specifically tailored for your project. Please refer to our technical information for further details.

Want to Discover More?
We invite you to take a look at our website.
www.cegat.com/ready-to-load-sequencing

NovaSeq™ 6000 platform (Illumina)		Output [Gb]	Single reads CPF [million]*		
SP flow cell					
SR / PE	100 cycles	65	650		
SR / PE	200 cycles	134	650		
SR / PE	300 cycles	200	650		
PE	500 cycles	325	650		
S1 flow cell					
SR / PE	100 cycles	134	1330		
SR / PE	200 cycles	266	1330		
SR / PE	300 cycles	400	1330		
S2 flow cell					
SR / PE	100 cycles	333	3335		
SR / PE	200 cycles	667	3335		
SR / PE	300 cycles	1000	3335		
S4 flow cell					
SR / PE	200 cycles	1600	8000		
SR / PE	300 cycles	2400	8000		

MiSeq platform (Illumina)		Output [Gb]	Single reads CPF [million]*			
V2 Nano flow cell						
SR / PE	300 cycles	0.3	1			
PE	500 cycles	0.5	1			
Micro flow cell						
SR / PE	300 cycles	1.2	4			
V2 flow cell						
SR / PE	50 cycles	0.75	12			
SR / PE	300 cycles	4.5	12			
PE	500 cycles	7.5	12			
V3 flow cell						
SR / PE	150 cycles	3.3	22			
PE	600 cycles	13.2	22			
SEQUEL IIE PLATFORM (PACBIO)			HiFi reads [million]**			
SMRT Cell 8M						
Movie Time - 10 - 30 h**			3			

<sup>\*</sup>In case of PE sequencing, they will be twice as much.

<sup>\*\*</sup>depends on library insert size, movie time, sample quality.



## About Us

CeGaT was founded in 2009 in Tübingen, Germany. Our scientists are specialized in next-generation sequencing (NGS) for genetic diagnostics, and we also provide a variety of sequencing services for research purposes and pharma solutions. Our sequencing service portfolio is complemented by analyses suited for microbiome, immunology, and translational oncology studies.

Our dedicated project management team of scientists and bioinformaticians works closely with you to develop the best strategy to realize your project. Depending on its scope, we select the most suitable library preparation and conditions on our sequencing platforms.

We would be pleased to provide you with our excellent service. Contact us today to start planning your next project.



Accredited by DAkkS according to DIN EN ISO/IEC 17025:2018



CLIA CERTIFIED ID: 99D2130225

CeGaT GmbH Research & Pharma Solutions Paul-Ehrlich-Str. 23 72076 Tübingen Germany

Phone: +49707156544-333 Fax: +49707156544-56 Email: rps@cegat.com

Web: www.cegat.com/rps