

[Home \(https://ipindia.gov.in/\)](https://ipindia.gov.in/)
[About Us \(https://ipindia.gov.in/Home/AboutUs\)](https://ipindia.gov.in/Home/AboutUs)
[Policy & Programs \(https://ipindia.gov.in/Home/policypages\)](https://ipindia.gov.in/Home/policypages)
[Achievements \(https://ipindia.gov.in/Home/achievementspage\)](https://ipindia.gov.in/Home/achievementspage)
[RTI \(https://ipindia.gov.in/Home/righttoinformation\)](https://ipindia.gov.in/Home/righttoinformation)
[Sitemap \(https://ipindia.gov.in/Home/Sitemap\)](https://ipindia.gov.in/Home/Sitemap)
[Contact Us \(https://ipindia.gov.in/Home/contactus\)](https://ipindia.gov.in/Home/contactus)

[Skip to Main Content](#)



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic>)

Patent Search

Invention Title	A LABEL-FREE LIQUID CRYSTAL BASED BIOSENSOR FOR DETECTING GASTROINTESTINAL PATHOGEN, SHIGELLA DYSENTERIAE
Publication Number	32/2024
Publication Date	09/08/2024
Publication Type	INA
Application Number	202411056338
Application Filing Date	24/07/2024
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIOTECHNOLOGY
Classification (IPC)	A61K0039395000, A61P0031000000, A61K0039112000, G01N0033543000, A61K0039000000

Inventor

Name	Address	Country
SAYANI DAS	28, Satyajit Sarani, Shivmandir, P.O.: Kadamtala, Siliguri, Dist. Darjeeling, West Bengal - 734011 India	India
RANADHIR CHAKRABORTY	"Tarunaloy", Flat Number:C1, Shivmandir, 3 No., S.N.Bose Road, P.O.: Kadamtala, Dist. Darjeeling, West Bengal - 734011 India	India
SUSANTA SINHA ROY	Flat No.: T2- 1204, Parsvnath Platinum Apartments, D-01, Swaran Nagri, Greater Noida, Uttar Pradesh - 201310 India	U.K.

Applicant

Name	Address	Country
SHIV NADAR (INSTITUTION OF EMINENCE DEEMED TO BE UNIVERSITY)	NH91, Tehsil Dadri, Gautam Buddha Nagar, Uttar Pradesh – 201314, India	India

Abstract:

The present disclosure relates to a biosensor comprising a liquid crystal having a structure of the formula: a surfactant solution; an 87-mer oligomer; and a target antigen solution. The present disclosure also relates to a method of preparing the biosensor and kit comprising the biosensor.

[View Application Status](#)



[Terms & conditions \(https://ipindia.gov.in/Home/Termsconditions\)](https://ipindia.gov.in/Home/Termsconditions)
[Privacy Policy \(https://ipindia.gov.in/Home/Privacypolicy\)](https://ipindia.gov.in/Home/Privacypolicy)
[Copyright \(https://ipindia.gov.in/Home/copyright\)](https://ipindia.gov.in/Home/copyright)
[Hyperlinking Policy \(https://ipindia.gov.in/Home/hyperlinkingpolicy\)](https://ipindia.gov.in/Home/hyperlinkingpolicy)
[Accessibility \(https://ipindia.gov.in/Home/accessibility\)](https://ipindia.gov.in/Home/accessibility)
[Contact Us \(https://ipindia.gov.in/Home/contactus\)](https://ipindia.gov.in/Home/contactus)
[Help \(https://ipindia.gov.in/Home/help\)](https://ipindia.gov.in/Home/help)
 Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019