

# COVIDonneur - SARS-CoV-2 seroprevalence study in the blood donor population

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General	
Identification	
Detailed name	SARS-CoV-2 seroprevalence study in the blood donor population
Sign or acronym	COVIDonneur
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	dossier RIPH : 20.04.28.41321
General Aspects	
Medical area	Infectious diseases
Study in connection with Covid-19	Yes
Keywords	blood donors, serology prevalence, SARS-CoV-2
Scientific investigator(s) (Contact)	
Name of the director	Gallian
Surname	Pierre
Address	Etablissement Français du Sang, 20 avenue du Stade de France, 93128 La Plaine Saint Denis
Unit	Emerging Viruses Units, 20-21 Boulevard Jean Moulin, 13005 Marseille
Organization	French National Blood Service (EFS)
Collaborations	
Funding	
Funding status	Public

Details	ANR funding
Governance of the database	
Sponsor(s) or organisation(s) responsible	French National Blood Service (EFS)
Organisation status	Public
Presence of scientific or steering committees	No
Additional contact	
Name of the contact	Bonneaudeau
Surname	Brigitte
Email	brigitte.bonneaudeau@efs.sante.fr
Main features	
Type of database	
Type of database	Study databases
Study databases (details)	Cohort study
Database objective	
Main objective	Estimate the seroprevalence of SARS-CoV-2 infection in the French blood donor population (18-70 years) in different geographical zones (mainland France and overseas departments), at different times in the epidemic, so as to model the progression of the epidemic
Inclusion criteria	Accepted blood donors aged 18 to 70 years. in the geographical zones of interest having agreed to the use of their samples for research  Plasma samples > 500 µL in volume
Population type	
Age	Adolescence (13 to 18 years) Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) Elderly (65 to 79 years)

Population covered	General population
Pathology	
Gender	Male Woman
Geography area	National
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2020
Date of last collection (YYYY or MM/YYYY)	2021
Size of the database	
Size of the database (number of individuals)	[10 000-20 000[ individuals
Data	
Database activity	Current data collection
Type of data collected	Biological data Administrative data
Presence of a biobank	Yes
Contents of biobank	Plasma
Procedures	
Followed pathology	
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7362788/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7362788/</a>
Description	Lower prevalence of antibodies neutralizing SARS-CoV-2 in group O French blood donors. Gallian P, Pastorino B, Morel P, Chiaroni J, Ninove L, de Lamballerie X. Antiviral Res. 2020 Sep;181:104880

