BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Human Janus Kinase 2 (JAK2) ELISA Kit
BYT-ORB1948273

Article Name	Human Janus Kinase 2 (JAK2) ELISA Kit
Biozol Catalog Number	BYT-ORB1948273
Supplier Catalog Number	orb1948273
Alternative Catalog Number	BYT-ORB1948273-48,BYT-ORB1948273-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Janus Kinase 2 (JAK2) ELISA Kit...
Range	125-8000pg/mL
Sensitivity	75 pg/mL
UniProt	O60674
Samples	Tissue homogenate and Cell lysate
Target	JAK2

Application Notes	Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human JAK2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human JAK2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human JAK2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm 2 nm. The OD value is proportional to the concentration of Human JAK2. You can calculate the concentration of Human JAK2 in the samples by comparing the OD of the samples to the standard curve