



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_25286
Title of the Manuscript:	Oxidized-LDL, Toll-like receptor 4, Lipocalin2 and Omentin1: Role in diabetic nephropathy
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Please see the attached manuscript for what correction is needed.	We appreciated the constructive criticisms of the reviewer and the valuable comments that have helped us greatly to improve our manuscript. I have addressed each of their concerns as outlined below. .All what required were done and highlighted in the manuscript .Reactive aldehyde products formed during the oxidation of polyunsaturated fatty acids, such as malondialdehyde (MDA) and 4-hydroxynonenal (HNE), are capable of attaching covalently to the ε-amino groups of lysine residues of ApoB-100 to form MDA-Lys and HNE-Lys adducts (MDA-LDL and HNE-LDL). Advanced glycosylation, such as the formation of CML-LDL and CEL-LDL, are also involved in LDL oxidation. The OxiSelect™ Human Oxidized LDL ELISA Kit is an enzyme immunoassay developed for the detection and quantitation of human OxLDL



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		Assay Principle Human Plasma or Serum Sample Sample is treated with 2X LDL Precipitation Solution, centrifuged and redissolved in PBS OxLDL is captured by the Anti-MDA Antibody Coated Plate Captured OxLDL is incubated with Biotinylated Anti-Human ApoB-100 Primary Antibody Streptavidin-Enzyme Conjugate is added for detection Legend: - Anti-MDA Plate Antibody - LDL Low-Density Lipoprotein - OxLDL Oxidized Low-Density Lipoprotein - Oxidation Adducts (MDA, CML, and HNE respectively) - Biotinylated Anti-Human ApoB-100 Primary Antibody - Streptavidin-Enzyme Conjugate
Minor REVISION comments		
Optional/General comments		